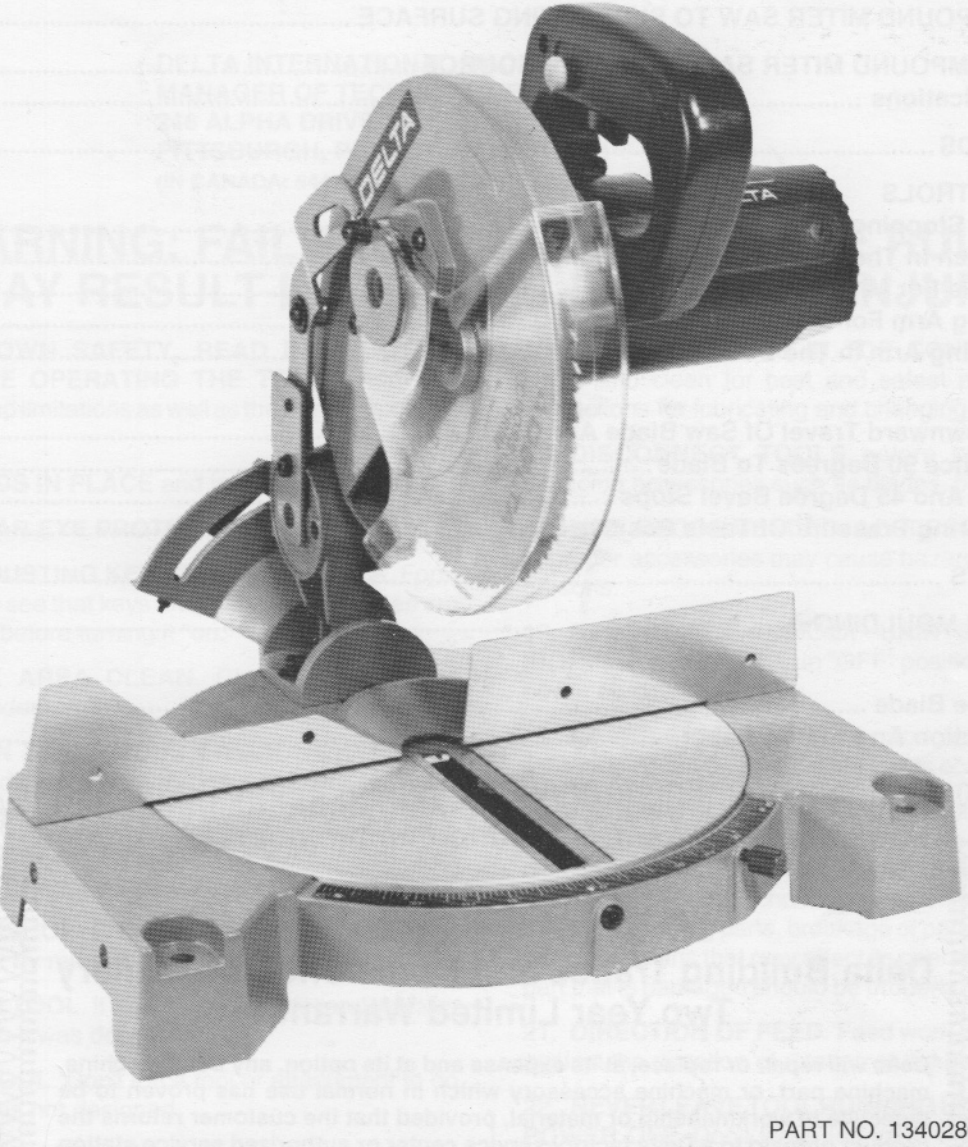
8-1/4"
Compound Miter Saw
(Model 36-040)

INSTRUCTION MANUAL



DATED 6-28-96

PART NO. 1340280

© Delta International Machinery Corp. 1996

DELTA

TABLE OF CONTENTS

SAFETY RULES 3

ADDITIONAL SAFETY RULES FOR COMPOUND MITER SAWS 4

UNPACKING 5

ASSEMBLY INSTRUCTIONS

- Moving Cutting Arm To The Up Position 5
- Assembling Lower Blade Guard 5
- Assembling Dust Bag 6

FASTENING COMPOUND MITER SAW TO SUPPORTING SURFACE 6

CONNECTING COMPOUND MITER SAW TO POWER SOURCE 7
- Motor Specifications 7

EXTENSION CORDS 7

OPERATING CONTROLS

- Starting And Stopping Saw 7
- Locking Switch In The Off Position 7
- Rotating Table For Miter Cutting 8
- Tilting Cutting Arm For Bevel Cutting 8
- Locking Cutting Arm In The Down Position 8

ADJUSTMENTS

- Adjusting Downward Travel Of Saw Blade Arm 9
- Adjusting Fence 90 Degrees To Blade 9
- Adjusting 90 And 45 Degree Bevel Stops 10
- Adjusting Spring Pressure Of Table Positive Stop 11

OPERATING HINTS 11

CUTTING CROWN MOULDING 11

MAINTENANCE

- Changing The Blade 13
- Brush Inspection And Replacement 14

DELTA

Delta Building Trades and Home Shop Machinery Two Year Limited Warranty

Delta will repair or replace, at its expense and at its option, any Delta machine, machine part, or machine accessory which in normal use has proven to be defective in workmanship or material, provided that the customer returns the product prepaid to a Delta factory service center or authorized service station with proof of purchase of the product within two years and provides Delta with reasonable opportunity to verify the alleged defect by inspection. Delta may require that electric motors be returned prepaid to a motor manufacturer's authorized station for inspection and repair or replacement. Delta will not be responsible for any asserted defect which has resulted from normal wear, misuse, abuse or repair or alteration made or specifically authorized by anyone other than an authorized Delta service facility or representative. Under no circumstances will Delta be liable for incidental or consequential damages resulting from defective products. This warranty is Delta's sole warranty and sets forth the customer's exclusive remedy, with respect to defective products; all other warranties, express or implied, whether of merchantability, fitness for purpose, or otherwise, are expressly disclaimed by Delta.

SAFETY RULES

Woodworking can be dangerous if safe and proper operating procedures are not followed. As with all machinery, there are certain hazards involved with the operation of the product. Using the machine with respect and caution will considerably lessen the possiblity of personal injury. However, if normal safety precautions are overlooked or ignored, personal injury to the operator may result. Safety equipment such as guards, push sticks, hold-downs, featherboards, goggles, dust masks and hearing protection can reduce your potential for injury. But even the best guard won't make up for poor judgment, carelessness or inattention. Always use common sense and exercise caution in the workshop. If a procedure feels dangerous, don't try it. Figure out an alternative procedure that feels safer. REMEMBER: Your personal safety is your responsibility.

This machine was designed for certain applications only. Delta Machinery strongly recommends that this machine not be modified and/or used for any application other than that for which it was designed. If you have any questions relative to a particular application, DO NOT use the machine until you have first contacted Delta to determine if it can or should be performed on the product.

DELTA INTERNATIONAL MACHINERY CORP.
MANAGER OF TECHNICAL SERVICES
246 ALPHA DRIVE
PITTSBURGH, PENNSYLVANIA 15238
(IN CANADA: 644 IMPERIAL ROAD, GUELPH, ONTARIO N1H 6M7)

WARNING: FAILURE TO FOLLOW THESE RULES MAY RESULT IN SERIOUS PERSONAL INJURY

1. **FOR YOUR OWN SAFETY, READ INSTRUCTION MANUAL BEFORE OPERATING THE TOOL**. Learn the tool's application and limitations as well as the specific hazards peculiar to it.

2. **KEEP GUARDS IN PLACE** and in working order.

3. **ALWAYS WEAR EYE PROTECTION**.

4. **REMOVE ADJUSTING KEYS AND WRENCHES**. Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it "on."

5. **KEEP WORK AREA CLEAN**. Cluttered areas and benches invite accidents.

6. **DON'T USE IN DANGEROUS ENVIRONMENT**. Don't use power tools in damp or wet locations, or expose them to rain. Keep work area well-lighted.

7. **KEEP CHILDREN AND VISITORS AWAY**. All children and visitors should be kept a safe distance from work area.

8. **MAKE WORKSHOP CHILDPROOF** - with padlocks, master switches, or by removing starter keys.

9. **DON'T FORCE TOOL.** It will do the job better and be safer at the rate for which it was designed.

10. **USE RIGHT TOOL**. Don't force tool or attachment to do a job for which it was not designed.

11. **WEAR PROPER APPAREL**. No loose clothing, gloves, neckties, rings, bracelets, or other jewelry to get caught in moving parts. Nonslip footwear is recommended. Wear protective hair covering to contain long hair.

12. **ALWAYS USE SAFETY GLASSES**. Wear safety glasses (must comply with ANSI Z87.1). Everyday eyeglasses only have impact resistant lenses; they are not safety glasses. Also use face or dust mask if cutting operation is dusty.

13. **SECURE WORK**. Use clamps or a vise to hold work when practical. It's safer than using your hand and frees both hands to operate tool.

14. **DON'T OVERREACH**. Keep proper footing and balance at all times.

15. **MAINTAIN TOOLS IN TOP CONDITION**. Keep tools sharp and clean for best and safest performance. Follow instructions for lubricating and changing accessories.

16. **DISCONNECT TOOLS** before servicing and when changing accessories such as blades, bits, cutters, etc.

17. **USE RECOMMENDED ACCESSORIES**. The use of improper accessories may cause hazards or risk of injury to persons.

18. **REDUCE THE RISK OF UNINTENTIONAL STARTING.** Make sure switch is in "OFF" position before plugging in power cord.

19. **NEVER STAND ON TOOL**. Serious injury could occur if the tool is tipped or if the cutting tool is accidentally contacted.

20. **CHECK DAMAGED PARTS**. Before further use of the tool, a guard or other part that is damaged should be carefully checked to ensure that it will operate properly and perform its intended function - check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced.

21. **DIRECTION OF FEED**. Feed work into a blade or cuttter against the direction of rotation of the blade or cutter only.

22. **NEVER LEAVE TOOL RUNNING UNATTENDED. TURN POWER OFF**. Don't leave tool until it comes to a complete stop.

23. **DRUGS, ALCOHOL, MEDICATION**. Do not operate tool while under the influence of drugs, alcohol or any medication.

24. **MAKE SURE TOOL IS DISCONNECTED FROM POWER SUPPLY** while motor is being mounted, connected or reconnected.

25. **WARNING:** The dust generated by certain woods and wood products can be injurious to your health. Always operate machinery in well ventilated areas and provide for proper dust removal. Use wood dust collection systems whenever possible.

ADDITIONAL SAFETY RULES FOR COMPOUND MITER SAWS

1. **WARNING: USE ONLY CROSS-CUTTING SAW BLADES. WHEN USING CARBIDE TIPPED BLADES, MAKE SURE THEY HAVE A NEGATIVE HOOK ANGLE. DO NOT USE BLADES WITH DEEP GULLETS AS THEY CAN DEFLECT AND CONTACT GUARD.**

2. **WARNING:** Do not operate the miter saw until it is completely assembled and installed according to the instructions.

3. **IF YOU ARE NOT** thoroughly familiar with the operation of compound miter saws, obtain advice from your supervisor, instructor or other qualified person.

4. **DO NOT** perform any operation freehand. Secure or clamp workpiece firmly against fence.

5. **WARNING:** Keep hands out of path of saw blade. If the workpiece you are cutting would cause your hand to be within 4 inches of the saw blade, the workpiece should be clamped in place before making cut.

6. **BE SURE** blade is sharp, runs freely and is free of vibration.

7. **ALLOW** the motor to come up to full speed before starting cut.

8. **KEEP** motor air slots clean and free of chips.

9. **ALWAYS MAKE SURE** all clamp handles are tight before cutting, even if the table is positioned in one of the positive stops.

10. **BE SURE** blade and flanges are clean and that arbor screw is tightened securely.

11. **USE** only blade flanges specified for your saw.

12. **NEVER** use blades larger or smaller in diameter than 8-1/4 inches.

13. **NEVER** apply lubricants to the blade when it is running.

14. **ALWAYS** check the blade for cracks or damage before operation. Replace cracked or damaged blade immediately.

15. **NEVER** use blades recommended for operation at less than 5200 RPM.

16. **USE** the blade guard at all times.

17. **ALWAYS** keep the lower blade guard in place and operating properly.

18. **NEVER** reach around or behind saw blade.

19. **MAKE SURE** blade is not contacting workpiece before switch is turned on.

20. **NEVER** lock the switch in the "ON" position.

21. **IMPORTANT:** After completing cut, release power switch and wait for coasting blade to stop before returning saw to raised position.

22. **TURN OFF** tool and wait for saw blade to stop before moving workpiece or changing settings.

23. **DO NOT** remove jammed or cut-off pieces until blade has stopped.

24. **NEVER** cut ferrous metals or masonry.

25. **NEVER** recut small pieces.

26. **PROVIDE** adequate support to the sides of the saw table for long workpieces.

27. **NEVER** use the miter saw in an area with flammable liquids or gases.

28. **NEVER** use solvents to clean plastic parts. Solvents could possibly dissolve or otherwise damage the material. Only a soft damp cloth should be used to clean plastic parts.

29. **DISCONNECT** power by unplugging tool before changing blade or servicing.

30. **DISCONNECT** saw from power source and clean the machine before leaving it.

31. **MAKE SURE** the work area is cleaned before leaving the machine.

32. **THE USE** of attachments and accessories not recommended by Delta may result in the risk of injuries.

33. **SHOULD** any part of your miter saw be missing, damaged or fail in any way, or any electrical component fail to perform properly, shut off switch and remove plug from power supply outlet. Replace missing, damaged or failed parts before resuming operation.

34. **ADDITIONAL INFORMATION** regarding the safe and proper operation of this product is available from the National Safety Council, 1121 Spring Lake Drive, Itasca, IL 60143-3201, in the Accident Prevention Manual for Industrial Operation and also in the Safety Data Sheets provided by the NSC. Please also refer to the American National Standard Institute ANSI 01.1 Safety Requirements for Woodworking Machinery and the U.S. Department of Labor OSHA 1910.213 Regulations.

35. **SAVE THESE INSTRUCTIONS.** Refer to them often and use them to instruct others.

UNPACKING

Your new Miter Saw is shipped complete in one container. Carefully unpack the saw and all loose items from the shipping container. Fig. 2, illustrates the contents of the container:

A - Miter Saw

B - Lower Guard Assembly

C - Dust Bag

* - Extra Switch Lock Key (Not Shown)

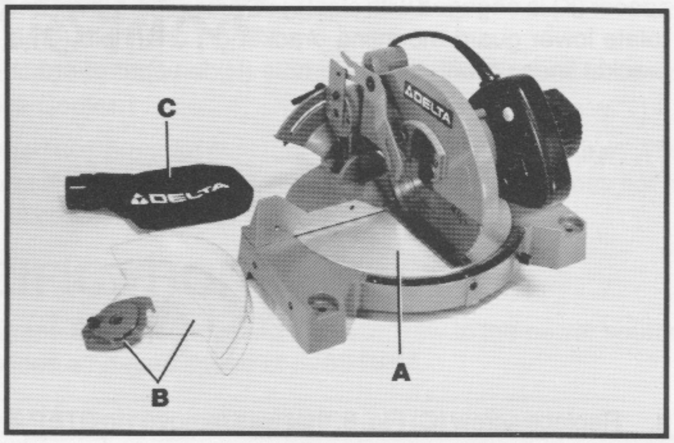


Fig. 2

ASSEMBLY INSTRUCTIONS

MOVING CUTTING ARM TO THE UP POSITION

1. Pull pin (A) Fig. 3, to the out position releasing the cutting arm (B) and allow cutting arm (B) to move to the up position, as shown in Fig. 4.

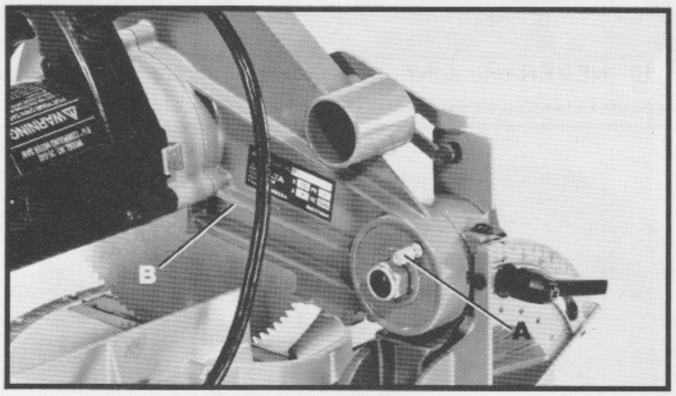


Fig. 3

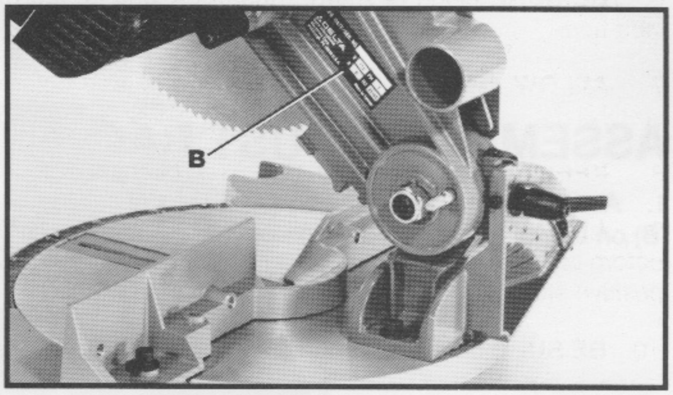


Fig. 4

ASSEMBLING LOWER BLADE GUARD

1. Hook one end of guard lifting lever (A) Fig. 5, on stud (B), as shown.

2. Loosen screw (D) Fig. 6, and remove screw (C)

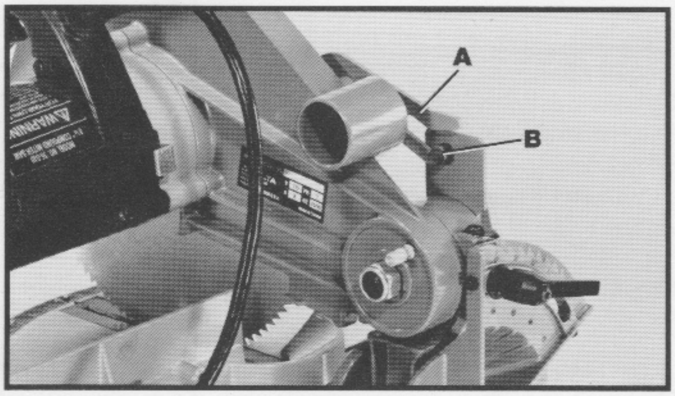


Fig. 5

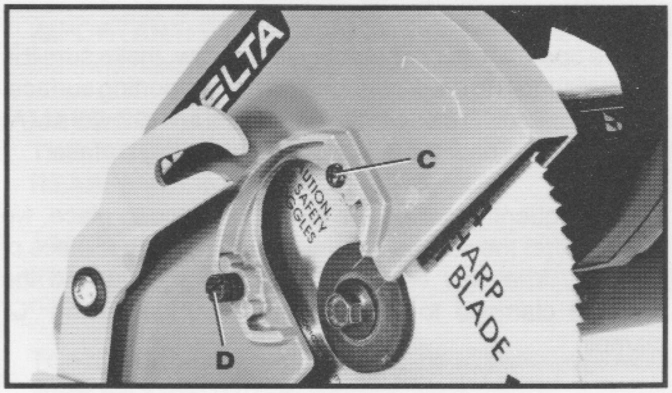


Fig. 6

3. Slide slotted end (E) Fig. 7, of lower guard mounting bracket under screw head (D). Make sure screw and spacer (K) is engaged with slot (L) in guard lifting lever and rotate lower guard mounting bracket (F) until hole (G) in bracket lines up with threaded hole (H) in upper guard.

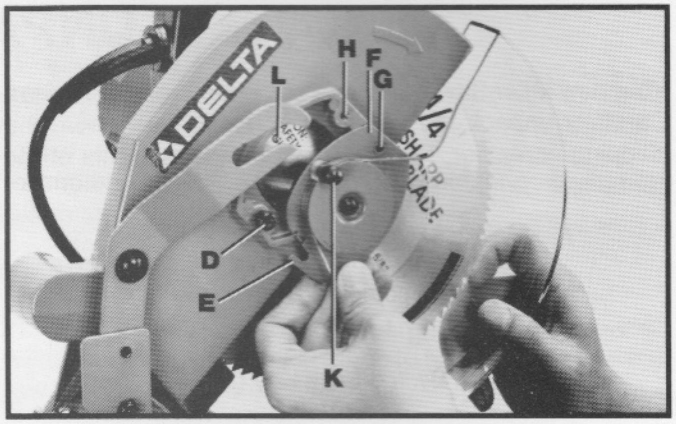


Fig. 7

4. Replace screw (C) Fig. 8, that was removed in **STEP 2**. Tighten screw (D) and screw (C).

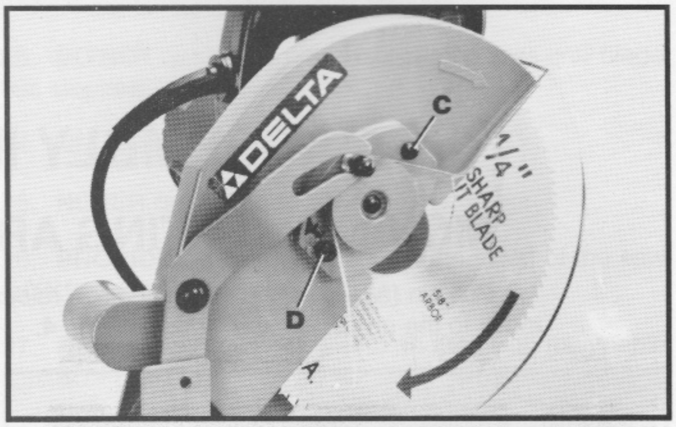


Fig. 8

ASSEMBLING DUST BAG

1. Assemble dust bag assembly (A) Fig. 10, to dust spout (B) on rear of upper guard assembly, as shown.

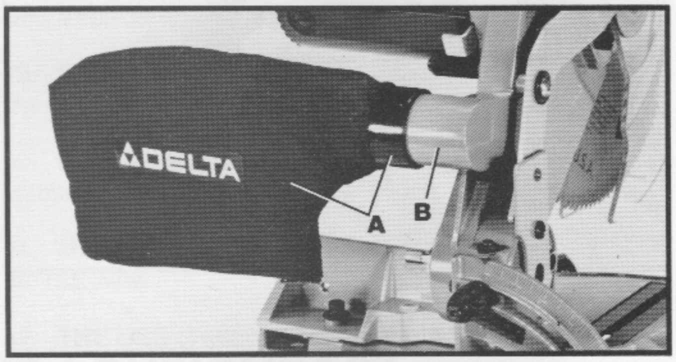


Fig. 10

FASTENING COMPOUND MITER SAW TO SUPPORTING SURFACE

Before operating your compound miter saw, make sure it is firmly mounted to a work bench or other supporting surface. Four holes are provided, two of which are shown at (A) Fig. 11, for fastening the saw to a supporting surface.

When frequently moving the saw from place to place, we suggest that the saw be mounted to a 1/2" or 3/4" piece of plywood. The saw can then be easily moved and the plywood clamped to the supporting surface using "C" clamps.

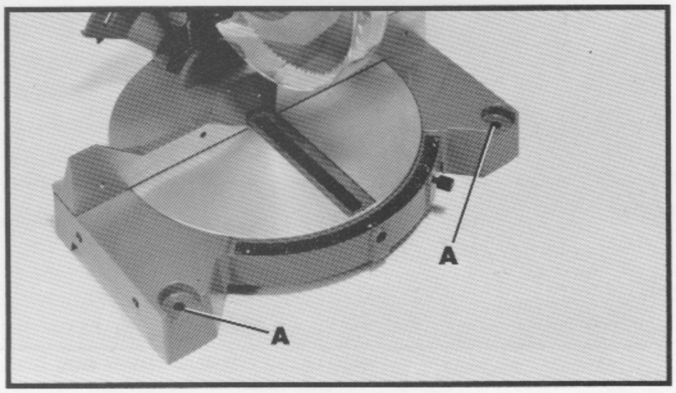


Fig. 11

CONNECTING COMPOUND MITER SAW TO POWER SOURCE

Your new compound miter saw is double insulated to provide added safety. When servicing, use only identical replacement parts which can be obtained from any Delta Authorized Service Center.

To reduce the risk of electric shock, your miter saw has a polarized two-pronged plug (one blade wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet. Do not change or modify this plug in any way.

MOTOR SPECIFICATIONS

Your miter saw is wired for 110-120 volt, 60 HZ alternating current. Before connecting the miter saw to the power source, make sure the switch is in the "OFF" position. The motor provides a no-load speed of 5200 RPM.

EXTENSION CORDS

Use proper extension cords. Make sure your extension cord is in good condition and will accept the tools plug. When using an extension cord, be sure to use one heavy enough to carry the current of the miter saw. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. Fig. 11A, shows the correct size to use depending on cord length and nameplate ampere rating. If in doubt, use the next heavier gage. The smaller the gage number, the heavier the cord.

TOTAL LENGTH OF CORD IN FEET	GAGE OF EXTENSION CORD TO USE
0 - 25	18
26 - 50	16
51 - 100	14
101 - 150	12

Fig. 11A

OPERATING CONTROLS

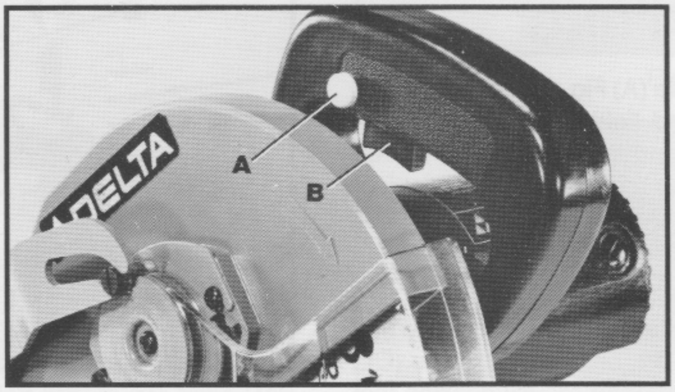


Fig. 12

STARTING AND STOPPING SAW

IMPORTANT: Before starting the saw, lower the cutting arm and make certain the saw blade does not come in contact with the front edge or rear edge of the table insert on its full downward travel. The downward travel of the cutting arm has been set at the factory; however, sometimes due to rough handling during shipment or extended use, a minor adjustment to the setting may become necessary. If the saw blade contacts the table insert, refer to section "**ADJUSTING DOWNWARD TRAVEL OF SAW BLADE**."

To turn the saw "ON" push in on switch lock key (A) Fig. 12, and depress switch trigger (B). To turn the saw "OFF" release switch trigger (B).

LOCKING SWITCH IN THE "OFF" POSITION

IMPORTANT: We suggest that when the saw is not in use, the switch be locked in the "OFF" position.

MAKE CERTAIN THE SAW IS DISCONNECTED FROM THE POWER SOURCE BEFORE REMOVING AND REASSEMBLING SWITCH LOCK KEY.

To lock the switch (B) Fig. 12, in the "OFF" position, pull or gently pry out and remove switch lock key (A) from saw handle.

To activate the switch (B) Fig. 12, insert switch lock key (A) firmly back into handle.

ROTATING TABLE FOR MITER CUTTING

Your compound miter saw will cut any miter angle from a straight 90 degree cut-off to 45 degrees right and left. Simply loosen table lock knob (A) Fig. 13, and using the switch handle as a grip, rotate the cutting arm until the pointer (B) aligns with the desired setting on the miter scale (C). Then tighten table lock knob (A). **WARNING: LOCK KNOB (A) MUST BE TIGHTENED FOR ALL CUTTING OPERATIONS.**

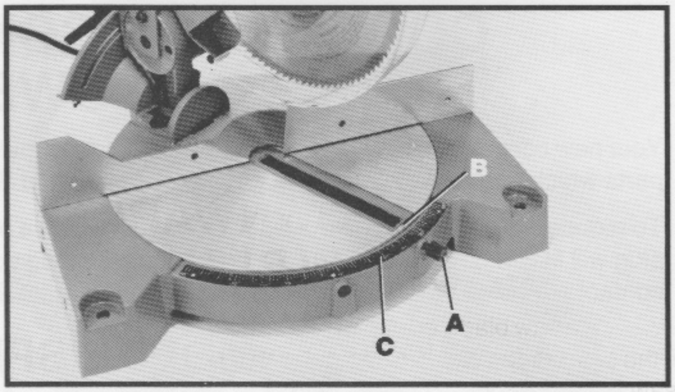


Fig. 13

Your compound miter saw contains positive stops for the table at the 0, 22-1/2, 30 and 45 degree right and left positions. Two triangle indicators (D) Fig. 14, are also provided to rapidly set the table at the 31-5/8 degree right and left miter angle for cutting crown moulding, as explained later in this manual.

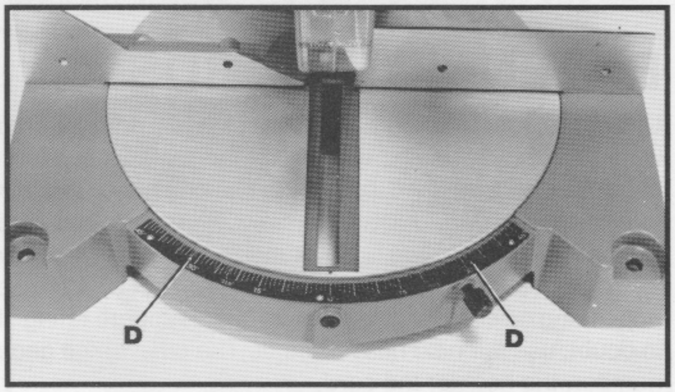


Fig. 14

TILTING CUTTING ARM FOR BEVEL CUTTING

Loosen bevel cutting lock handle (A) Fig. 15, tilt cutting arm to the desired bevel angle and tighten lock handle (A). **NOTE:** Lock handle (A) is spring-loaded and can be repositioned by pulling out on the handle and repositioning it on the serrated stud located underneath the handle. **WARNING: LOCK HANDLE (A) MUST BE TIGHTENED DURING ALL CUTTING OPERATIONS.**

The bevel angle of the cutting arm is determined by the position of the pointer (B) Fig. 15, on the large scale (C). A triangle indicator (D) is provided to rapidly position the cutting arm at the 33-7/8 degree left bevel angle which is used for cutting crown moulding, as explained later in this manual.

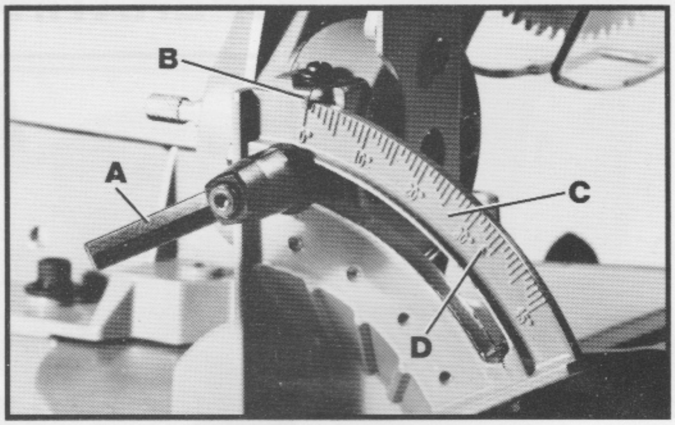


Fig. 15

LOCKING CUTTING ARM IN THE DOWN POSITION

When transporting the miter saw, the cutting arm should always be locked in the down position. This can be accomplished by lowering the cutting arm and pushing in on arm locking pin (A) Fig. 16.

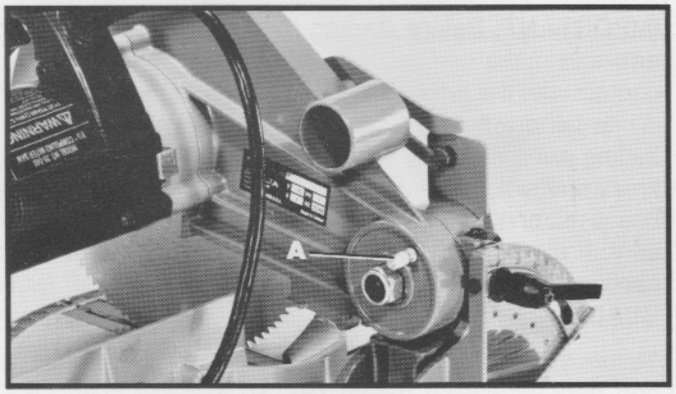


Fig. 16

ADJUSTMENTS

ADJUSTING DOWNWARD TRAVEL OF SAW BLADE ARM

Lower the saw blade arm as far as it will go and check to see if the saw blade comes in contact with the table insert. If the saw blade (A) Fig. 17, contacts the front edge or the rear edge of table insert (B) on its downward travel, proceed with the following adjustment.

1. **MAKE CERTAIN THE MACHINE IS DISCONNECTED FROM THE POWER SOURCE.**

2. Loosen lock nut (C) Fig. 18, and turn adjustment knob (D) right or left.

3. Lower the saw blade arm and check the adjustment. **NOTE:** There should be a slight clearance between the saw blade (A) Fig. 17, and table insert (B) as shown. Repeat **STEP 2**, if necessary.

4. Tighten lock nut (C) Fig 18, after adjustment is made.

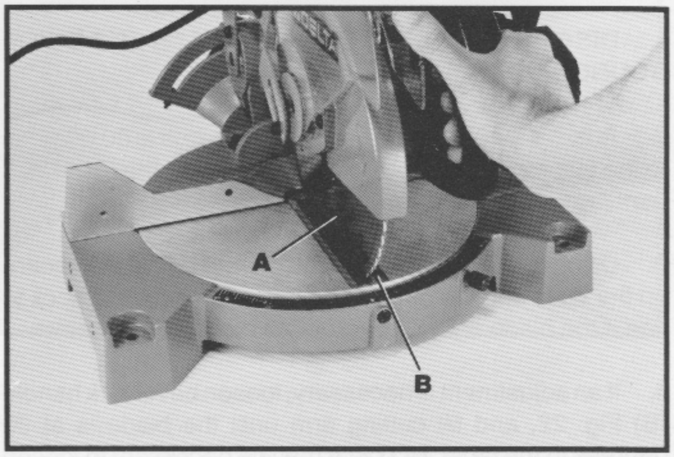


Fig. 17

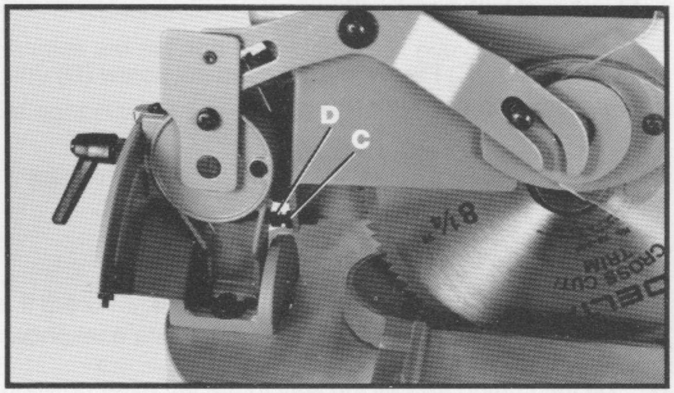


Fig. 18

ADJUSTING FENCE 90 DEGREES TO BLADE

1. **DISCONNECT THE SAW FROM THE POWER SOURCE**.

2. Place the cutting arm in the 90 degree straight cut-off position, as shown in Fig. 19, and tighten the table lock knob (A).

3. Lower the saw blade, as shown in Fig. 19.

4. Using a square (B) Fig. 19, place one end of the square against the fence and the other end against the blade, as shown.

5. Check to see if the blade is at 90 degrees to the fence.

6. If an adjustment is necessary, loosen the two screws (C) Fig. 20, and adjust the fence until it is 90 degrees to the blade. Then tighten two screws (C).

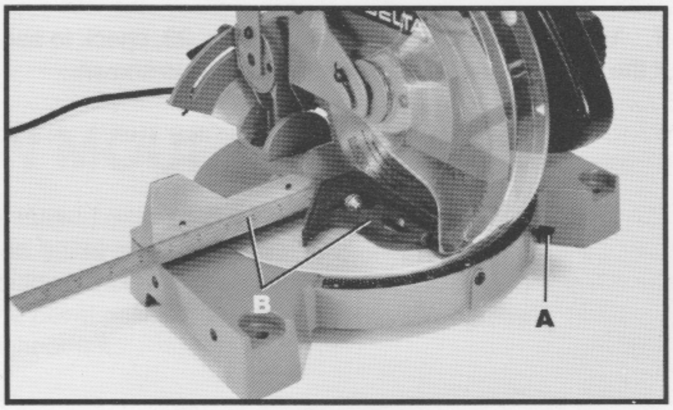


Fig. 19

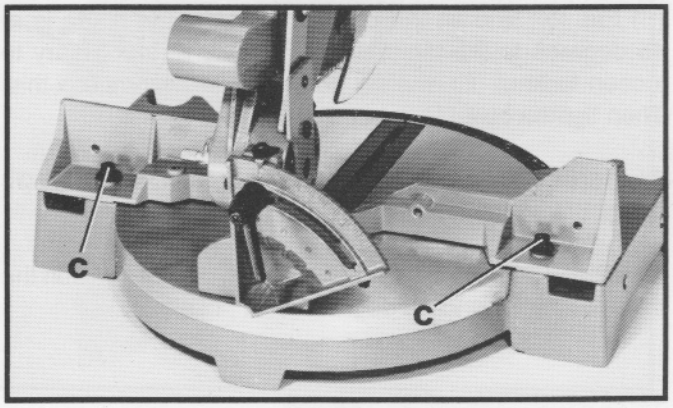


Fig. 20

ADJUSTING 90 AND 45 DEGREE BEVEL STOPS

1. **DISCONNECT THE SAW FROM THE POWER SOURCE.**

2. Adjust the cutting arm so that the blade is at 90 degrees to the table, as shown in Fig. 21, and tighten the bevel lock handle.

3. Using a square (A) Fig. 21, place one end of the square on the table and the other end against the blade. Check to see if the blade is at 90 degrees to the table, as shown.

4. If an adjustment is necessary, loosen bevel lock handle (B) Fig. 22, and tilt cutting arm until the blade is at 90 degrees to the table. **NOTE:** It may be necessary to loosen locknut (C) and set screw (D) to accomplish this. Then tighten bevel lock handle (B).

5. Loosen nut (C) Fig. 22, and tighten set screw (D) until it bottoms. Then tighten locknut (C).

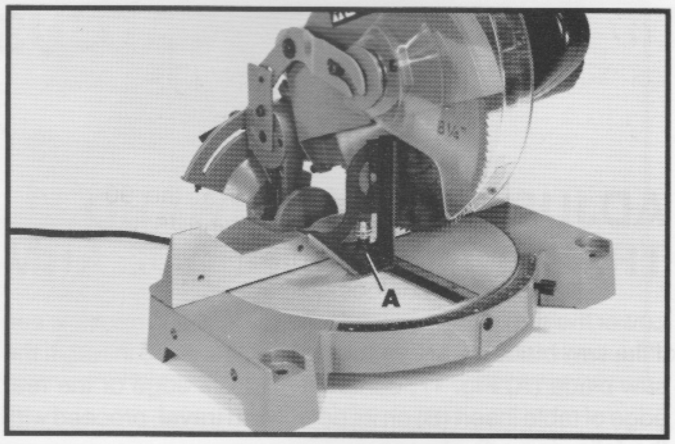


Fig. 21

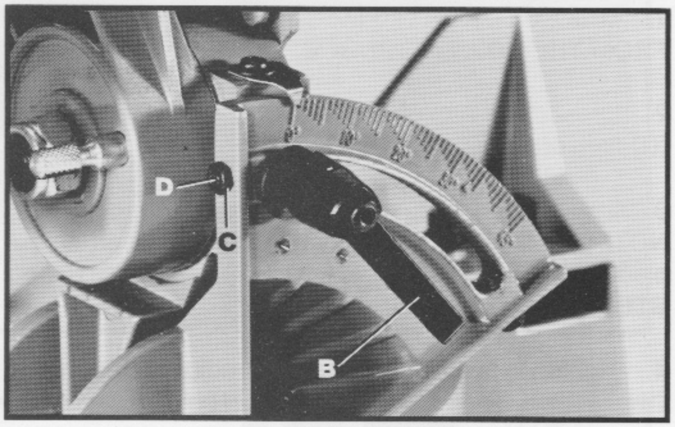


Fig. 22

6. Tilt the cutting arm all the way to the left miter position and tighten the bevel lock handle.

7. Using a combination square (A) Fig. 23, check to see if the blade is at 45 degrees to the table, as shown.

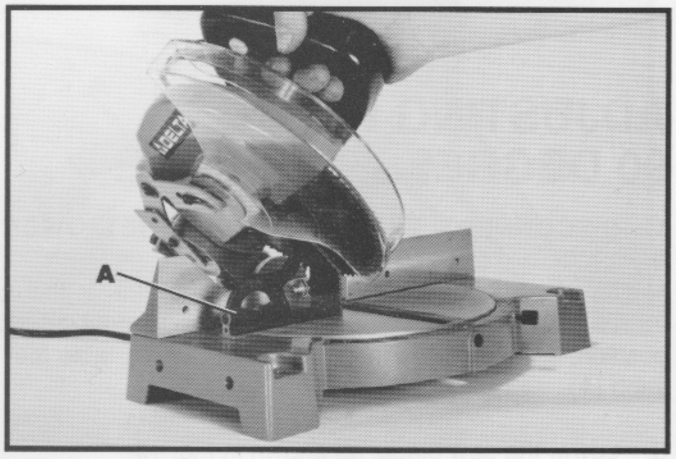


Fig. 23

8. If an adjustment is necessary, loosen bevel lock handle (B) Fig. 24, and tilt the cutting arm until the blade is at 45 degrees to the table. **NOTE:** It may be necessary to loosen locknut (E) and set screw (F) to accomplish this. Then tighten bevel lock handle (B).

9. Loosen locknut (E) Fig. 24, and tighten set screw (F) until it bottoms. Then tighten locknut (E).

10. These positive stops enable you to rapidly position the blade at the 90 and 45 degree bevel positions.

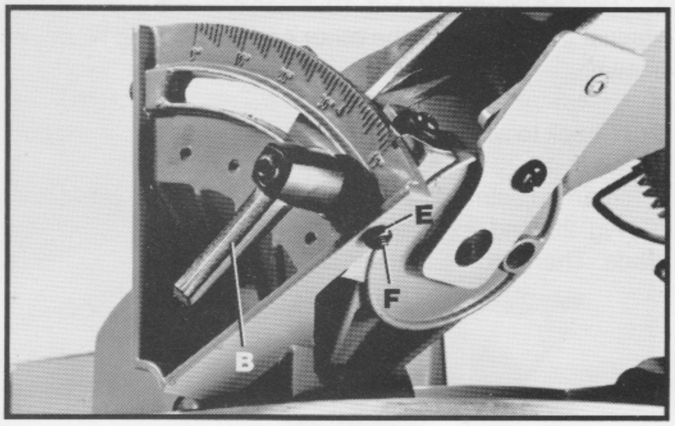


Fig. 24

ADJUSTING SPRING PRESSURE OF TABLE POSITIVE STOP

The rotating table has positive stops at the 90 degree straight cut-off position and 22-1/2, 30 and 45 degree right and left miter positions. To adjust the spring pressure of the positive stops, tighten or loosen screw (A) Fig. 25. **NOTE:** Do not tighten screw (A) to the point where it becomes difficult to rotate the table.

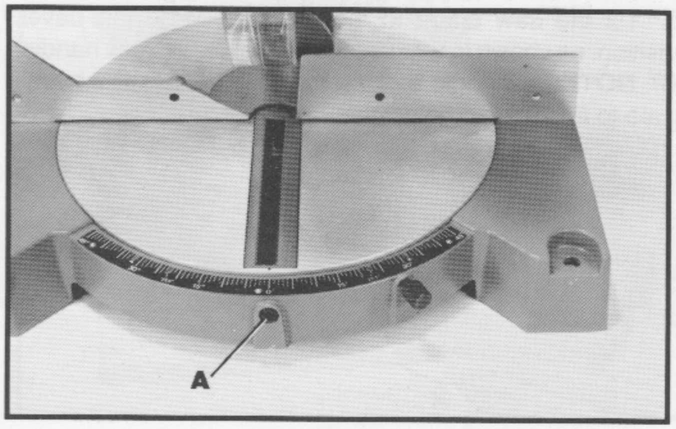


Fig. 25

OPERATING HINTS

1. Before cutting, make certain the miter and bevel angles are set and firmly locked in place.
2. Before cutting, determine that the workpiece is the right size for the saw.
3. Place the workpiece on the table and hold it firmly against the fence.
4. For best results, cut at a slow, even cutting rate.
5. **WARNING:** Keep hands out of path of saw blade. If the workpiece you are cutting would cause your hand to be within 4 inches of the saw blade, the workpiece should be clamped in place before making cut.
6. Never attempt any freehand cutting (wood that is not held firmly against the fence and table).

CUTTING CROWN MOULDING

One of the many features of your saw is the ease of cutting crown moulding. The following is an example of cutting both inside and outside corners on 52/38 degree wall angle crown moulding. **NOTE:** When cutting 45 degree wall angle crown moulding the following procedure for inside and outside corners is the same with the exception that the bevel position will always be at 30 degrees and the miter position will be 34-1/4 degrees to the right or left.

1. Move the table to the 31-5/8 degree right miter position, as shown in Fig. 26, and lock the table in position by tightening table lock knob (A). **NOTE:** A triangle indicator is provided on the miter scale to find this angle quickly.

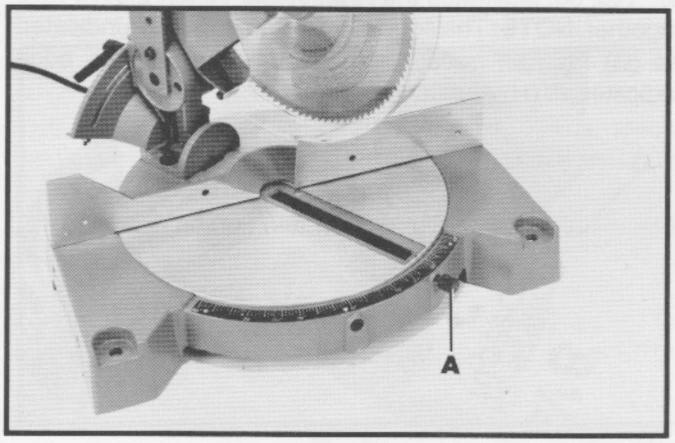


Fig. 26

2. Tilt the saw blade to the 33-7/8 degree left bevel position, as shown in Fig. 27, and tighten bevel lock handle (B). **NOTE:** A triangle indicator is provided on the bevel scale to find this angle quickly.

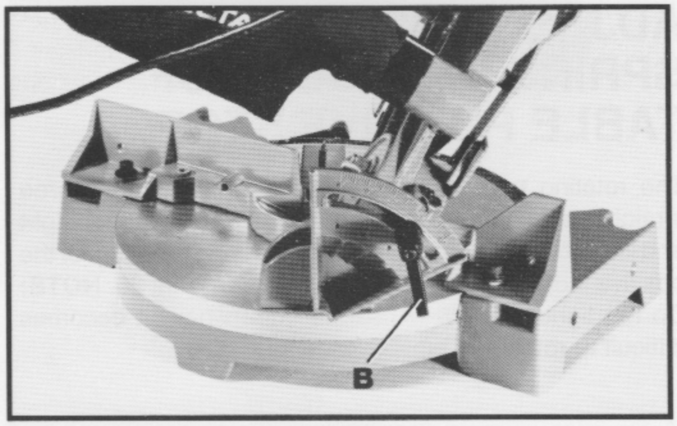


Fig. 27

3. Place the crown moulding on the table with the **CEILING EDGE** of the moulding against the fence, and make the cut, as shown in Fig. 28. **NOTE:** The piece of crown moulding used for the outside corner will always be on the right hand side of the blade, as shown at (C) Fig. 28. The piece of crown moulding used for the inside corner will always be on the left hand side of the blade, as shown at (D) Fig. 28.

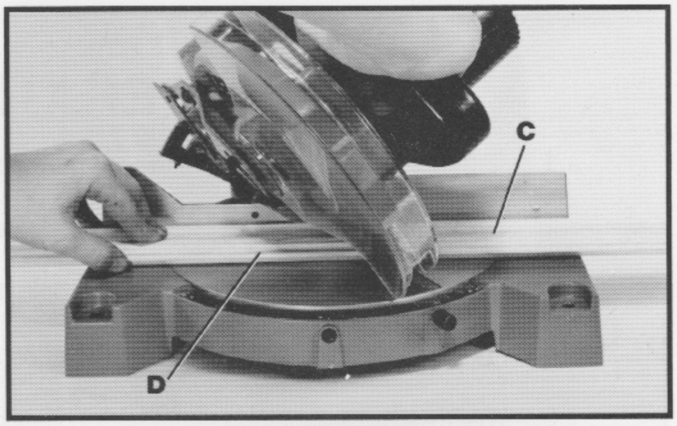


Fig. 28

4. To make the matching halves of the inside and outside corners simply rotate the table to the 31-5/8 degree left miter position, as shown in Fig. 29, and tighten table lock knob (A). **NOTE:** A triangle indicator is provided on the miter scale to find this angle quickly.

5. Place the crown moulding on the table with the **WALL EDGE** of the crown moulding against the fence and make the cut. Again, the piece of crown moulding used for the outside corner will always be on the right side of the blade, as shown at (E) Fig. 29. The piece of crown moulding used for the inside corner will always be on the left side of the blade, as shown at (F) Fig. 29.

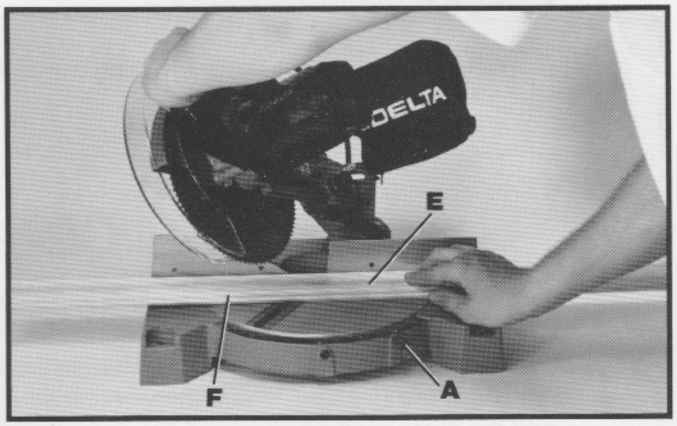


Fig. 29

6. Fig. 30, illustrates the two outside corner pieces held together. **NOTE:** The edge of the crown moulding indicated as (G) Fig. 30, goes against the ceiling and the edge indicated at (H) goes against the wall.

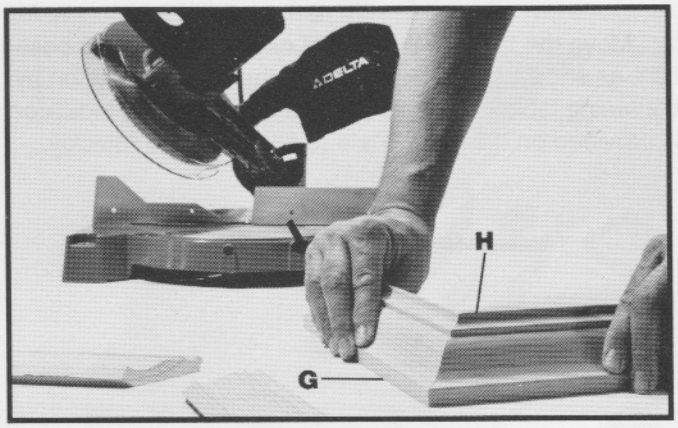


Fig. 30

7. Fig. 31, illustrates the two inside corner pieces held together. **NOTE**: The edge of the crown moulding indicated as (K) Fig. 31, goes against the ceiling and the edge indicated as (L) goes against the wall.

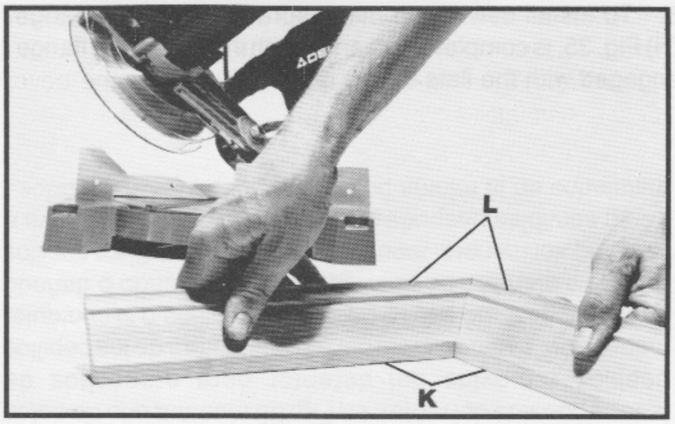


Fig. 31

MAINTENANCE

CHANGING THE BLADE

WARNING: USE ONLY CROSS-CUTTING SAW BLADES. WHEN USING CARBIDE TIPPED BLADES, MAKE SURE THEY HAVE A NEGATIVE HOOK ANGLE. DO NOT USE BLADES WITH DEEP GULLETS AS THEY CAN DEFLECT AND CONTACT GUARD. USE ONLY 8-1/4" DIAMETER SAW BLADES RATED FOR 5200 RPM OR HIGHER WITH 5/8" ARBOR HOLES.

1. **DISCONNECT THE SAW FROM THE POWER SOURCE.**

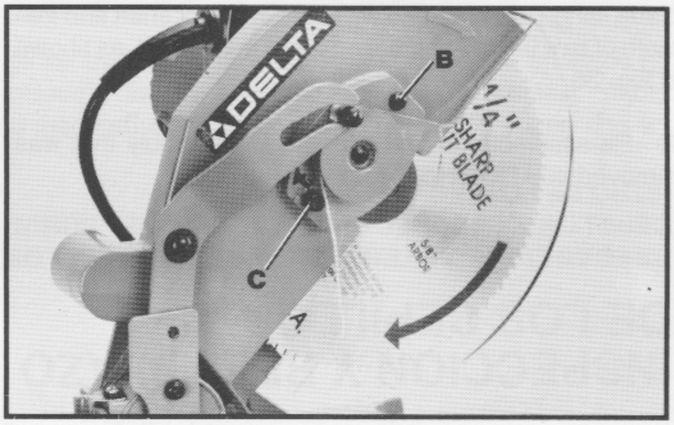


Fig. 32

2. Loosen screws (B) and (C) Fig. 32, and rotate lower blade guard assembly to the up position.
3. Press in on arbor lock (D) Fig. 33, to keep the arbor from turning, and unscrew and remove arbor screw (E). **NOTE:** Turn arbor screw (E) clockwise to remove.

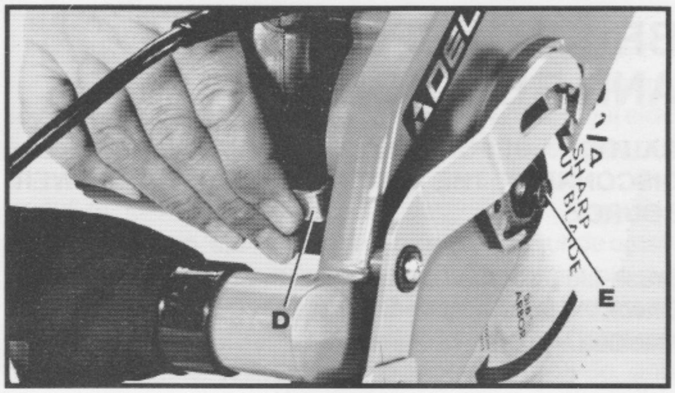


Fig. 33

4. Remove outside blade flange (F) Fig. 34, and saw blade (G).

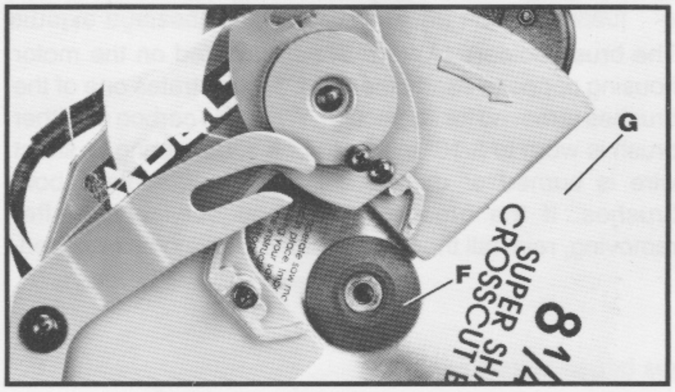


Fig. 34

5. To install new blade make sure inside blade, flange (H) Fig. 35, is completely on arbor with the flats in the flange engaged with the flats on the arbor.

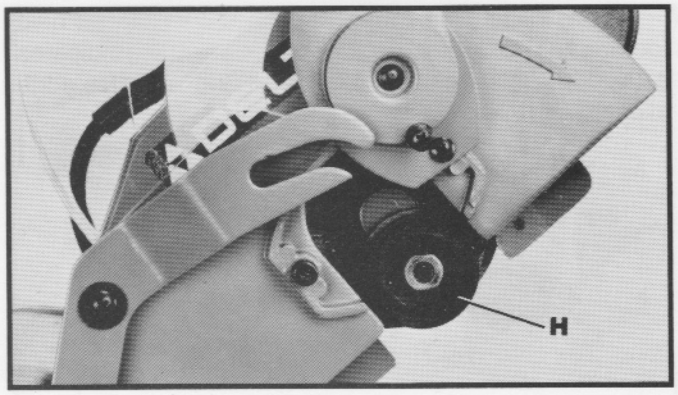


Fig. 35

6. Install new blade (J) Fig. 36, outside blade flange (F) and arbor screw (E). Turn arbor screw counterclockwise to tighten while pressing in on arbor lock to keep the arbor from turning. **IMPORTANT:** Make sure flats in outside blade flange are engaged with flats on arbor shaft and that teeth of saw blade are pointing down at the front, as shown in Fig. 36.

7. Re-assemble lower blade guard assembly that was removed in **STEP 2** to the upper guard.

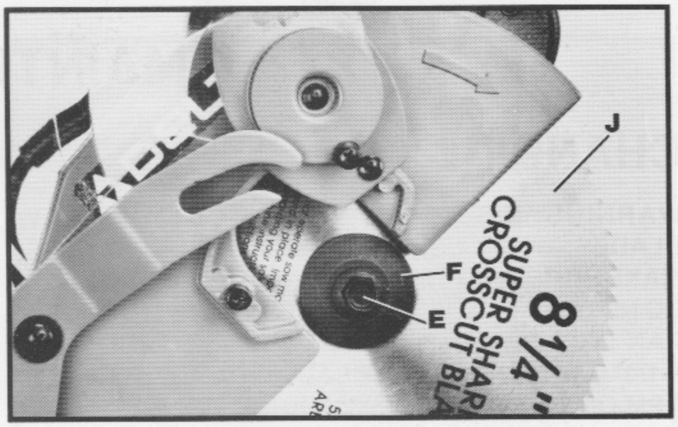


Fig. 36

BRUSH INSPECTION AND REPLACEMENT

CAUTION: BEFORE INSPECTING THE BRUSHES, DISCONNECT THE MACHINE FROM THE POWER SOURCE.

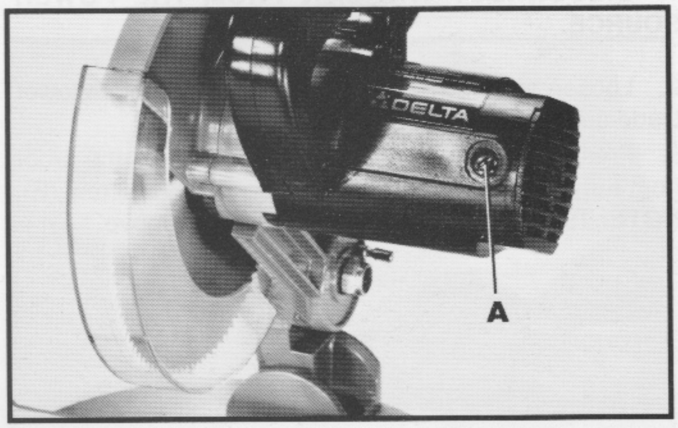


Fig. 37

Brush life varies. It depends on the load on the motor. Check the brushes after the first 50 hours of use for a new machine or after a new set of brushes has been installed.

After the first check, examine them after about 10 hours of use until such time that replacement is necessary.

The brush holders (A) Fig. 37, are located on the motor housing opposite each other. Fig. 38, illustrates one of the brushes removed for inspection. When the carbon on either brush is worn to 3/16" in length or if either spring or shunt wire is burned or damaged in any way, replace both brushes. If the brushes are found serviceable after removing, reinstall them in the same position as removed.

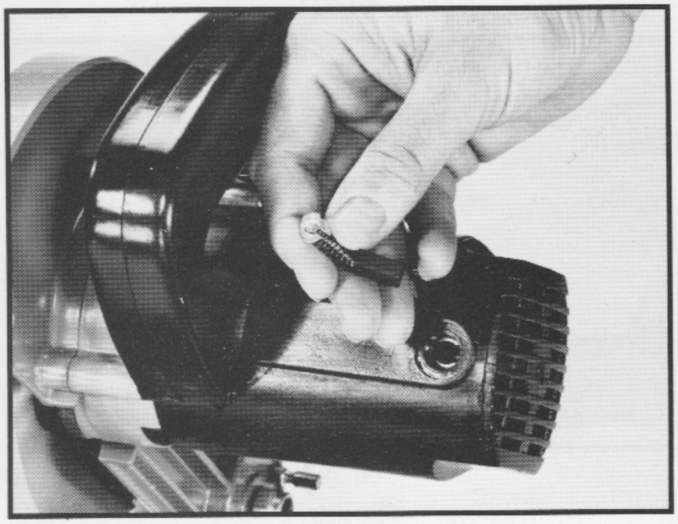


Fig. 38

SAFETY FIRST

PLEASE POST THESE SAFETY RULES NEAR YOUR MACHINE FOR REFERENCE

SAFETY RULES for DELTA

COMPOUND MITER SAW

1. READ AND UNDERSTAND INSTRUCTION MANUAL BEFORE OPERATING COMPOUND MITER SAW.

2. **IF YOU ARE NOT** thoroughly familiar with the operation of Compound Miter Saws, obtain advice from your supervisor, instructor or other qualified person.

3. **DO NOT** operate while under the influence of drugs, alcohol, or medication.

4. **ALWAYS** wear eye protection (safety glasses or a face shield).

5. **MAKE SURE** tool is securely mounted to supporting surface before operating.

6. **REMOVE** tie, rings, watch and other jewelry, and roll up sleeves.

7. **ALWAYS** hold the work firmly against the fence and table. **DO NOT** perform any operation freehand.

8. **BE SURE** blade is sharp, runs freely and is free from vibration.

9. **ALLOW** the motor to come up to full speed before starting cut.

10. **KEEP** motor air slots clean and free of chips.

11. **ALWAYS MAKE SURE** all clamp handles are tight before cutting.

12. **BE SURE** blade and blade flanges are clean and that arbor nut is tightened securely.

13. **USE** the blade guard at all times.

14. **NEVER** use blades larger or smaller than recommended.

15. **NEVER** apply lubricants to the blade when it is running.

16. **ALWAYS** check the blade for cracks or other damage before operation. Replace cracked or damaged blade immediately.

17. **USE** only blade flanges specified for your saw.

18. **ALWAYS KEEP** hands out of path of saw blade.

19. **NEVER** reach around saw blade.

20. **MAKE SURE** blade is not contacting workpiece before switch is turned on.

21. **NEVER** lock the switch in the "ON" position.

22. **MAKE SURE** blade comes to a complete stop before removing or securing workpiece, changing workpiece angle or changing the angle of the blade.

23. **NEVER** cut ferrous metals or masonry.

24. **NEVER** recut small pieces.

25. **MAKE SURE** that the table insert is always in place and properly secured.

26. **NEVER** operate the saw in an area with flammable liquids or gases.

27. **NEVER** use solvents to clean plastic parts. Solvents could possibly dissolve or otherwise damage the material. Only a soft damp cloth should be used to clean plastic parts.

28. **SHUT OFF** power before servicing or adjusting tool.

DELTA

Part No. 1340276 Dated 5-1-89

AUTHORIZED SERVICE STATIONS

All Delta Machines and accessories are manufactured to high quality standards and are serviced by a network of factory service centers and authorized service stations listed in this brochure. To obtain additional information regarding your Delta quality product or to obtain parts, service or warranty assistance, please call or fax Delta's toll-free 'hotline' number.

Delta maintains a modern, efficient Parts Distribution Center, maintaining an inventory of over 15,000 parts located in Memphis, Tennessee.

Highly qualified and experienced Customer Service Representatives are standing by to assist you on weekdays from 7:00 A.M. to 6:00 P.M. Memphis time.

MEMPHIS, TN 38118
4290 Raines Road
Phone: (901) 363-8800

HOTLINE

TELEPHONE: 800-223-7278

[FAX: 800-535-6488]

DELTA

AUTHORIZED SERVICE STATIONS

In order to promote tool safety, Delta International Machinery Corp. strictly enforces the policy of repairing or replacing any damaged or missing standard safety equipment on machines presented to Delta Authorized Service Centers for service/repairs. Any product which is presented to a Delta Authorized Service Center for repairs which contains missing or damaged standard safety equipment will have that equipment repaired or replaced and the customer will be charged for any such service/repairs. Customers can avoid such charges only if the missing safety component is supplied to the service center at the time of repair.

ALABAMA

Birmingham 35208
Alabama Jack Co., Inc.
1140 5th Avenue North
205-251-8156

Hueytown 35023
Owens Power Tool Service, Inc.
700 Brooklane
205-942-6325

Montgomery 36121
Nor Wood Industries, Inc.
581-A George Todd Drive
205-260-9663

Mobile 36619
Southern Power Tool
5580 Nevius Road
334-666-3623

ALASKA

Anchorage 99518
Tools-R-Us
5861 Arctic Blvd.
907-563-7193

Fairbanks 99706
Fairbanks Aero Services, Inc.
Box 60590
907-479-6666

ARIZONA

Glendale 83501
Banner Tool Service
6741 N. 57th Avenue
602-842-0800

Lake Havasu City 86403
A & B Supply
1081 N. Lake Havasu Avenue
520-543-3185

Mesa 85204
Unicoa Industrial Supply
835 East Southern Avenue, #4
602-892-6163

Mesa 85211
Junior's Tools #14
420 S. Country Club Drive
602-610-8665

Peoria 85345
Banner Tool Service
8240 W. Jefferson Street
602-486-1629

Phoenix 85009
Unicoa Industrial Supply
2224 N. 23rd Avenue
602-254-4666

Phoenix 85014
Glenn's Tool Service
4036 North 13th Way
602-264-6203

Tempe 85282
Porter Cable Corporation
Suite 105, 2400 W. Southern Avenue
602-437-1200

Tucson 85711
Tool & Construction Supply, Inc.
4857 East 29th Street
602-745-1100

Tucson 85719
Western Tool Inc.
702 So. Campbell
602-884-0504

ARKANSAS

Ft. Smith 72901
Tool Service Co.
4420 Wheeler Avenue
501-648-3125

Harrison 72601
Harrison Tool Room
1306 Highway 62-65 North
501-365-0106

Hot Springs 71901
Arkansas Tool Service, Inc.
230 Valley Street
501-321-9851

Hot Springs 71913
The Tool Source
S. Park Shopping Center
3911 Central Avenue
501-525-9220

Little Rock 72205
Electric Tool Service
8601A W. Markham
501-217-0022

Russellville 72801
C & C Machinery Inc.
2120 E. 2nd Street
501-968-7144

Springdale 72762
Tool Hospital
3670 Elm Springs Road
501-927-0303

Texarkana 71854
All Makes Tool Repair
1205 East 36th Street
870-772-4715

CALIFORNIA

Burbank 91504
Rodman & Company
2823 N. San Fernando Road
818-846-9494

Concord 94520
A to Z Machinery Repair
1300 Galaxy Way
510-827-4590

Concord 94520-5679
California Electric Service
1170-G Burnett Avenue
415-827-1011
Fax: 415-827-5409

Corona 91719
Junior's Tools #3
281 Dupont Street
909-340-1098

Covina 91723-3536
California Electric Service
612 S. Shoppers Lane
818-915-4935
Fax: 818-339-6505

Eureka 95501
Electric Tool Co.
437 Henderson St.
707-442-4267

Fountain Valley 92708
*Mike's Wood and Metal Tools
17229 Newhope Suite A
714-434-3951

Fresno 93703
R & R Machinery & Electric Inc.
1919 E. Home Avenue
209-233-1213

Fresno 93721
Ideal Saw Works
351 "O" Street
209-237-0809

Fullerton 92631
California Electric Service Center
1208 E. Ash Avenue
714-870-0900

Glendale 91202
Junior's Tools No. 10
5700 San Fernando Road
818-241-8665

Huntington Beach 92649
Modern Tool Service
5842 McFadden Avenue, #P
714-898-3425

Laguna Hills 92653
Junior's Tool Service
23016 Lake Forest Dr., Unit "A"
714-581-0620

Los Alamitos 90720-3958
California Electric Service
11284 Los Alamitos Blvd.
562-430-2668
Fax: 562-598-8726

Los Angeles 90023
Minit Tool Company
3000 E. Olympic
213-264-7006

Mission Viejo 92691-3128
California Electric Service
23725 Via Fabricante, Unit B
714-586-9440
Fax: 714-586-9514

Modesto 95351
Stanislaus Electric Mtr. Works
504 River Road
209-523-8269

Monrovia 91016
Junior's Tools
123 W. Pomona
818-303-8063

National City 91950
Power Tool Repair
1011 National City Blvd.
619-477-3801

Oakland 94612-2414
California Electric Service, Inc.
2301 Broadway
510-834-1050

Ontario 91761
Dave's Tool Service and Supply
780A South Milliken Avenue
909-605-6558

Ontario 91761
Porter Cable Corporation
3949A E. Guasti Road
909-390-5555

Oxnard 93030
Junior's Tools #13
813 E. Venture Blvd.
805-278-3919

Pasadena 91107-3785
California Electric Servcice
2594 E. Colorado Blvd.
818-792-3194
Fax: 818-792-0511

Redding 96002
Electric Tool and Motor
915 Wall Street #1
916-222-1131

Redondo Beach 90278
Junior's Tools
2500-A Marine Avenue
310-675-4860

Sacramento 95825
California Electric Service
1717 Bell Street
916-648-1604

Sacramento 95826
Valley Tool Repair
4131 B. Power Inn Road
916-737-6300

San Diego 92104-1593
California Electric Service
3430 El Cajon Blvd.
619-283-6488
Fax: 619-281-3479

San Diego 92123
Junior's Tools
5680 Kearny Villa Road
619-627-9181

San Francisco 94118-3219
California Electric Service
3934 Geary Blvd.
415-386-4500

San Jose 95128-2210
California Electric Service
481 South Bascom Avenue
408-295-1722

San Leandro 94577
Porter-Cable Corporation
3039 Teagarden Street
P.O. Box 1913
510-357-9762

San Marcos 92069
Pro-Tek Tool Repair
1320 Grand Avenue
760-471-4800

Santa Ana 92705
Junior's Tools
2210 S. Ritchey
714-641-1777

Santa Barbara 93101
Buena Tool Co.
433 Laguna Street
805-963-3885

Santa Fe Springs 90670
Junior's Tools #16
14048 - 14050 E. Firestone Blvd.
562-921-9765

Santa Rosa 95403
H & V Tool Repair
1808 Empire Industrial Court #D
707-528-1111

Simi Valley 93063
Simi Tool Repair
2512 Tapo Street
805-584-8138

Temecula 92590-5623
California Electric Service
41715 Enterprise Circle North, Suite 101
909-695-5445

Torrence 90502
Universal Tool Service
21804 S. Vermont Avenue
310-328-6472

Tulare 93274
Rapid Tool & Equipment Co.
1128 Batavia Court
209-685-8665

Van Nuys 91411-1018
California Electric Service
14753 Oxnard Street
818-997-8855
Fax: 818-997-3047

Whittier 90602
Battels Hardware & Tool Co.
13238 E. Whittier Blvd.
310-698-3714

W. Los Angeles 90064-2110
California Electric Service
2314 S. Westwood Blvd.
213-475-2532
Fax: 213-475-2844

COLORADO

Boulder 80301
McGuckin Power Equipment Center, Inc.
2845 Valmont Road
303-443-9317

Colorado Springs 80219
Schlosser Tool and Machinery
3960 Sinton Road
719-636-1311

Colorado Springs 80907
Tool Hospital
4127 Sinton Road
719-260-0619

Denver 80216
Porter-Cable Corporation
5855 Stapleton Drive North
Suite A-140
303-370-6909

Denver 80219
*Schlosser Tool & Machinery
301 Bryant Street
303-922-8244

Eagle 81631
Gas & Electric Tool Clinic
725 Chambers Avenue
970-328-6282

Grand Junction 81501
Professional Tool Service, Inc.
2420 E. Main
970-245-3158

CONNECTICUT

Hamden 06514
Baltimore Electronic Service Inc.
1348 Dixwell Avenue
203-248-7553

Hartford 06106
Utility Electric Service, Inc.
53 Main Street
860-247-7271

Norwalk 06851
Brandman's Equipment & Repair Center
10 Catherine Street
203-847-1977

Oakville 06779
Watertown Tool Supply
28 Main Street
203-596-1344

Stratford 06497
Electric Enterprise, Inc.
1410 Stratford Avenue
203-378-7311

DELAWARE

New Castle 19720
*Holloway Tools
19 E. Commons Blvd.
302-322-5441

FLORIDA

Bradenton 34205
Tool Doctor
1265 28th Avenue W
941-746-2958

Davie 33314
Porter Cable Corporation
Unit No. 7, 4343 South State Rd 7
954-321-6635

Gainesville 32609
Tool Doctor
2826 N. Waldo Road
352-371-8665

Hialeah 33014
Porter-Cable Corporation
16373-75 NW 57th Ave.
305-624-2523

Jacksonville 32205
North Florida Power Tool Repair Center, Inc.
814 South Edgewood Avenue
904-387-4456

Jacksonville 32205
Tool Shack, Inc.
226 Edgewood Avenue South
904-387-1466

Mulberry 33860
E & W Tool & Supply, Inc.
465 Fife Road, Box 1004
941-425-3077

Naples 33441
*West Coast Saw, Inc.
2825 Davis Blvd.
813-774-2525

North Fort Myers 33903
Preshers Service Center
1349 Pondella Road
941-574-2540

North Fort Myers 33917
Power Tool Repair of Ft. Myers
4750 Bayline Drive
941-995-8805

Orlando 32806
S-Tek Power Tools, Inc.
3434 South Orange Avenue
407-851-5642

Pensacola 32505
L.C. Electric Motor Service
117 Industrial Blvd.
904-476-7655

Riviera Beach 33404
3706 E. Industrial Way
407-848-4320

St. Augustine 32095
Ernie's Tool & Specialty Co.
20 South Dixie Hwy
904-829-5712

Tallahassee 32301
Southside Mower & Magneto Repair, Inc.
1885 South Monroe Street
850-224-5613

Tampa 33609
Porter-Cable Corporation
4538 W. Kennedy Blvd.
813-877-9585

West Palm Beach 33413
Reliable Tool Service Inc.
6533 Southern Blvd., Bldg #3, Bay #3
407-689-1676

GEORGIA

Augusta 30901
Tool Service Center
302 Walton Way
706-724-4803

Forest Park 30297
Porter-Cable Corporation
5442 Frontage Road, Ste 112
404-608-0006

Savannah 31401
Tool Box, Inc.
439A Telfair Road
912-238-5512

HAWAII

Hilo 96721
T & K Power Tool Repair
50 Hualalai, Box 119
808-935-6775

Honolulu 96819
A.L. Kilgo Co., Inc.
180 Sand Island Road
808-832-2200

Honolulu 96819
Slim's Power Tools, Inc.
1626 Republican Street
808-841-0902

Honolulu 96817
John Grinnon Company
345-A N. Nimitz Hwy.
808-538-7333

Kailua Kona 96740
All Trade Industrial Supply, Inc.
73-5563 Maiau Street
808-329-0516

Wailuku 96793
Slim's Power Tools, Inc.
864 Alua Street
808-242-7878

IDAHO

Boise 83705
Air Equipment Company
2350 S. Orchard
208-342-2464

Boise 83706
K.C. Supply Co.
5103 Irving Street
208-375-1313

Coeur de'Alene 83814
Coeur de'Alene Tool
451 Cherry Lane & Hwy 95
208-667-1158

Idaho Falls 83403
Rossiters Electric Motor
1501 South Capital Avenue
208-529-3665

Nampa 83651
Idaho Tool and Equipment
452 Caldwell Blvd.
208-465-7533

Twin Falls 83301
Ellis Repair Service
2151 Floral Avenue
208-734-4400

ILLINOIS

Addison (Chicago) 60101
Porter-Cable Corporation
311 Laura Drive
708-628-6100

Lombard 60148
*Berlands House of Tools
600 Oak Creek Drive
708-620-0026

Mt. Vernon 62864
Holz Tool Supply
819 Broadway Street
618-242-4676

North Pekin 61554
Central Tool & Equipment
Div. A & I Supply
97 Highway Blvd.
309-382-2400

Peoria 85345
Junior's Tools #15
11808 N. 91st Avenue
602-486-1199

Quincy 62306
James Supply Co., Inc.
111 N. 10th St.
217-223-3866

Springfield 62702
James Machinery
223 N. MacArthur
217-522-9115

INDIANA

Elkhart 46514
Scarlett Machinery of Indiana
28379 Glenview Drive
219-266-1554

Elkhart 46515
Kevco, Inc.
21861 Protecta Dr.
219-295-4131

Evansville 47710
Brown & Hubert
(Division of Lensing Wholesale)
306 N. 7th Avenue
812-425-9049

Evansville 47711
Tri State Repair Service
1327 N. Fares
812-464-9341
607-729-5287

Fort Wayne 46808
Merrick Evans Inc.
2116 W. Coliseum Blvd.
219-482-4822

Goshen 46526
C & L Electric Motor Repair
1402 Chicago Avenue
219-533-2643

Indianapolis 46222
Miller Industries Inc.
3337 West 10th Street
317-972-7300

Indianapolis 46241
Macco Equip. Co., Inc.
3129 Kentucky Avenue
317-248-1444

South Bend 46637
Johnson's Workbench
51315 N. US 33
219-277-8350

Warsaw 46580
Warsaw Tool Supply
113 W. Market St.
219-269-2999

IOWA

Bettendorf 52722
K & K True Value Hardware
1818 Grant Street
319-359-4473

*IND. MACHINERY SERVICE

AUTHORIZED SERVICE STATIONS (continued)

Cedar Rapids 52404
Puckett Tool & Fastener
410 1st Avenue NW
319-363-2211

Cedar Rapids 52406
Janda's Tool Center
1810 Blairs Ferry Road
319-393-4740

Davenport 52807
Tool Hospital
1020 E. 59th Street
319-386-1533

Des Moines 50309
Puckett Electric Tools, Inc.
841 11th Street
515-244-4189

Des Moines 50314
Tool Hospital
1523 2nd Avenue
515-282-3323

Iowa City 52240
Contractor's Tool
1430 Waterfront Drive
319-338-1121

Iowa City 52240
Tool Hospital
2003 S. Gilbert
319-339-0641

Sioux City 51101
New Sioux City Iron Co.
310 S. Floyd Blvd.
712-255-7696

KANSAS

Dodge City 67801-0179
Southwind Supply
1601 W. Frontview
316-225-4384

Kansas City 66103
Tool Hospital
1232 Southwest Blvd.
913-831-2453

Lenexa 66214
Overland Tool Inc.
7905 Nieman Road
913-599-4044

Salina 67401
Mid Kansas Tool Works
314 W. Cloud Street
785-825-6287

Wichita 67203
Sunflower Supply
818 W. Douglas
316-265-1234

Wichita 67213
Richmond Electric Co.
911 Maple
316-264-2344

KENTUCKY

Bowling Green 42101
Roman's Repair Center
601 College Street
502-746-0857

Lexington 40505
Kwik-Set Fasteners, Inc.
1151 Commercial Drive
606-252-7518

Louisville 40206
Bargain Supply Company
844 E. Jefferson Street
502-582-6651

Louisville 40217
Tool Repair Service
1200 Goss Avenue
502-635-6888

Owensboro 42303
Electrical Equipment Repair, Inc.
1330 East Second Street
502-684-5357

Paducah 42002
Warden Electric Co.
604 N. 7th Street
502-443-4622

LOUISIANA

Alexandria 71301
John W. Ward Hardware
1743 Lee Street
318-442-7702

Baton Rouge 70806
Baton Rouge Rental Service
5101 Government Street
504-924-2959

Houma 70364
Robert's Repair
1116 Highway 90 West
504-872-0896

Metairie 70011
R.J. Marchand Cont'r. Spec., Inc.
P.O. Box 8148
3515 Division Street
504-888-2922

New Orleans 70153-3432
Beerman Precision, Inc.
P.O. Box 53432
4206 Howard Avenue
504-486-9391

Shreveport 71101
McClamroch Machinery
939 Louisiana Avenue
318-222-9249

W. Monroe 71291
Tool Town LLC
504 North 7th Street
318-329-2929

MAINE

Bangor 04401
N.H. Bragg & Son
Box 927, 92 Perry Rd.
207-947-8611

Portland 04104
M and W Tool Service
38 Portland Street
207-772-2057

MARYLAND

Baltimore 21201
Porter-Cable Corporation
7397 Washington Blvd., Suite #102
410-799-9394
Fax: 410-799-9398

Baltimore 21201
*Skarie, Inc.
707 N. Howard St.
410-728-6000

Baltimore 21237
Cumberland 21502
Allegheny Motor & Pump Service
150 Wineow Street
301-777-0340

Westminster 21157
Summers Service Co.
R2469 Sykesville Road
410-876-3216

MASSACHUSETTS

Everett 02149
Panda Electrical Service Inc.
165 Main Street
617-389-1442

Fall River 02721
Burns, Inc.
350 M.S. Bishop Blvd.
617-675-0381

Franklin 02038
Porter-Cable Corporation
101-E Constitution Blvd.
508-520-8802
Fax: 508-528-8089

Springfield 01105
Saw Center
472 Main Street
413-734-2045

MICHIGAN

Alpena 49707
Alpena Electric Motor Service
M-32 West, Box 565
517-354-8780

Clio 48420
D & T Tool Sales
11395 N. Saginaw Road
810-687-6810

Charlotte 48813
Johnson's Workbench
563 E. Cochran
517-543-2727

Escanaba 49829
Bosk Tool Service
918 North Lincoln Road
906-789-1112

Gaylord 49735
Graham Motor & Generator Service Inc.
977 N. Center
517-732-5005

Gladwin 48624
*Tool Haus
630 N. Silver Leaf
517-426-4549

Grand Rapids 49503
Johnson Workbench
51 Goodrich
616-454-5175

Grand Rapids 49548
Master Service Center
DBA: Hendricks
7876 S. Division
616-455-3117

Kalamazoo 49001
Kalamazoo Electric Motor Service
658 E. Vine Street
616-345-7802

Kingsford 49801
Northern Tool & Supply, Inc.
1021 Pyle Drive
906-774-3991

Lansing 48910
Denstaedts Hardware
3709 S. Cedar
517-882-4971

Livonia
*Marsh Power Tools
20579 Middlebelt
248-476-7744

Ludington 49431
Carrier Electric Motor Repair Inc.
5608 W. 6th Street
616-845-5097

Muskegon Heights 49444
*Atlas Tool Service
2505 S. Getty Street
616-739-6555

Petoskey 49770
Ed's Electric Appliance Service
3924 Charlevoix Rd.
616-347-9599

Riverside 49084
Riverside Electric Service
3864 Riverside Road
616-849-1222

Traverse City 49686
Graham Motor & Generator Service Inc.
863 S. Airport Road
616-947-5824

Troy 48083
Porter Cable Corporation
1355 Combermere
810-597-5000

MINNESOTA

Duluth 55802
Acme Electric Co.
701 Mike Colalillo Drive
218-628-1027

Minneapolis 55429
Porter-Cable Corporation
4315 68th Avenue North
612-561-9080

St. Cloud 56301
Mathew Hall Lumber Co.
127 6th Avenue North
320-252-1920

MISSISSIPPI

Horn Lake 38637
Bird Fasteners Inc.
3001 Goodman Road, Suite 5
601-393-8497

Jackson 39202
Flannigan Electric Co., Inc.
1820 S. West Street Ext.
601-354-2756

Jackson 39215
May & Company
838 West Capital
601-354-5781

MISSOURI

Columbia 65201
Construction Tool Repair
806 Pannell Street, Unit C
573-499-1808

North Kansas City 64116
Porter-Cable Corporation
1141 Swift Avenue
P.O. Box 12393
816-221-2070

St. Louis 63119
Porter-Cable Corporation
7574 Watson Road
314-968-8950

Springfield 65802
Tool Hospital
306 North National
417-832-8837

Springfield 65806
*H K & W Supply
610 W. Chestnut
417-869-7624

MONTANA

Billings 59101
Allen's Electric Tool Repair
115 5th Street, W.
406-248-3865

Black Eagle 59414
Mosch Electric Motors
2513 17th Street North East
406-453-2481

Bozeman 59715
*Owenhouse Hardware
36 E. Main
406-587-5401

Missoula 59806
City Electric
Electric Service Center Div.
101 S. Catlin Street
406-549-4115

Missoula 59801
Montana Tool Co.
1908 North Ave. West
406-721-6425

Whitefish 59937
Northwest Tool Repair
6466 Highway 93 South
406-862-6275

NEBRASKA

Kearney 68847
Tool Doctor
1917 Central Avenue
308-237-0802

Lincoln 68521
Tool Hospital
1720 Adams Street
402-435-2996

Omaha 68127
Thacker Electric
8507 I Street
402-592-9433
NAT WATS 800-678-7604

Omaha 68127
Tool Hospital
9447 "J" Street
492-592-5220

NEVADA

Las Vegas 89102
Junior's Tools
3260 Valley View Blvd.
702-795-7395

Las Vegas 89109
Tool Service, Inc.
3229 Industrial Road
702-734-9161

Las Vegas 89118
Service Select Power Tool Repair
5720-A S. Valleyview Blvd.
702-739-1939

Las Vegas 89118
Woodworker's Emporium
5461 S. Arville
702-871-0722

Las Vegas 89120
A-1 Equipment and Tool Repair
2520 E. Sunset Road
702-261-9680

Reno 89502
Junior's Tools
2175 Market Street
702-786-7999

Sparks 89434
Sierra Supply, Inc.
1830 E. Lincoln Way
702-353-3333

NEW HAMPSHIRE

Brentwood 03833
Brentwood Machine Sales Inc.
Building #313 - Rte #125
603-679-8452

Keene 03431
Hamshaw Lumber
3 Bradco Street
603-352-6506

NEW JERSEY

Fairlawn 07410
Bergen County Motor & Tool
17-16 River Road
201-796-3006

Somerville 08876
Butensky Services Co.
10 County Line Road, Suite 7
908-707-0912

Trenton 08619
Warren Balderston
93 2nd Avenue
609-394-5343

NEW MEXICO

Albuquerque 87106
BMT Repair
2015 7th Street, N.W. Unit C
505-243-9226

Albuquerque 87107
Martin Saw and Tool
3421 Vassar N.C.
505-888-1675

Farmington 87401
Western Tool Crib
2601 East Main
505-325-4543

NEW YORK

Albany 12206
Albany Burner Control, Inc.
20 Colvin Avenue
518-459-8856

Amherst 14226
*Philipps Bros. Supply Inc.
2525 Kensington Avenue
716-839-4800

Binghamton 13904
Hulbert Electrical
78 Travis Avenue
607-724-3968

Brooklyn 11204
J & A Repair Shop
6206 20th Avenue
718-232-5746

Bronx 10457
Kass Industrial Supply
443 E. Tremont Avenue
718-299-6060

Buffalo 1421
S & S Electric Repair Shop Inc.
2470 Seneca Street
716-823-1232

Commack 11725
*County Power Tool Service, Inc.
237 Commack Rd.
516-499-5666

Flushing 11365
Porter-Cable Corporation
175-25 Horace Harding Expwy.
718-225-2040

Glens Falls 12801
J.E. Sawyer
64-90 Glen Street
518-793-4104

Hopewell Junction 12533
B C Electric and Air
427 Route 82 Suite A
914-227-8289

Kingston 12401
Miron Bldg. Products, Inc.
C.P.O. Box 1598
Rt. #9W North
914-336-6000

Lancaster 14086
Tool Ranch
3857 Walden Avenue
716-685-1556

Newburgh 12550
Precision Propeller
135 S. William Street
914-562-3880

Peekskill 10566
Peekskill Electric Motor
13 South Broad St.
914-737-4141

Port Chester 10573
Pelham Tool Co.
21 Abendrough Avenue
914-937-1771

Rochester 14608
Jackson Saw & Knife Co.
517 State Street
716-546-7485

Rochester 14611
Hanes Supply, Inc.
10 Cairn Street
716-235-0160

Southampton 11968
Richards Tool and Motor Repair
County Road 39 & N. Main Street
516-283-5130

Syracuse 13210
Syracuse Industrial Sales
713 E. Fayette Street
315-478-5751

Uniondale 11553
*Enterprise Machinery Co., Inc.
825 Nassau Road
516-485-2804

Utica 13502
McQuade and Bannigan
1300 Stark Street
315-724-7119

Vestal 13850
Cascade Electric Inc.
A Division of Midway Ind Sup Inc.
416 Commerce Rd.
607-729-5278

Watertown 13601
McQuade & Bannigan
124 Murroch Circle
315-788-2612

NORTH CAROLINA

Burlington 27215
Paynes Power Tool
3410 Maple Avenue
336-227-1031

Charlotte 28209
Porter-Cable Corporation
4303B South Boulevard
704-525-4410

Greensboro 27405
Tool & Equipment Supply, Inc.
807 Huffman Street
919-275-6124

Raleigh 27604
Specialty Tool Service of Raleigh Inc.
2420 Atlantic Ave.
919-833-5903

Wilmington 28403
American Tool & Tractor
102 Eastwood Road
910-392-5784

Wilmington 28405
M.F. McLean Enterprises
Rt. 6, Box 97
Old Wrightsville Road
910-343-1775

Winston Salem 27106
Piedmont Power Mach. Srv. Inc.
4305J Enterprise Drive
910-759-2022

NORTH DAKOTA

Bismark 58501
Acme Electric Motor, Inc.
1009 Basin Avenue
701-258-1267

Dickinson 58601
Fix It Shop
316 21st Street East
701-225-0766

Fargo 58103
Acme Electric Motor, Inc.
920 36th St., S.W.
701-235-8060

Grand Forks 58201
Acme Electric Motor, Inc.
1705 13th Avenue North
701-746-6481

Minot 58701
Acme Electric Motor, Inc.
525 20th Avenue S.E.
701-839-2263

OHIO

Barberton 44203
Viking Machinery & Tool Supply Co.
2915 New Park Drive
216-753-1063

Beaver Creek 45434
Authorized Tool Service Co.
2210 Heller Road
937-429-5593

Cincinnati 45215
Pro Tool Service Inc.
1125 Glendale-Milford Road
513-772-1490

Cleveland (Valley View) 44125
Porter Cable Service Center
8001 Sweet Valley Drive, Suite 19
Sweet Valley Business Park
216-447-9030

Columbus 43214
Porter-Cable ACorporation
4560 Indianola Avenue
614-263-0929

Hartville 44632
Hartville True Value
940 W. Maple Street
216-877-3631

Holland (Toledo) 43528
Power Tool Sales & Service
6713 Angola Road
419-868-8665

Lima 45801
Lima Armature Works
142 E. Pearl St.
419-222-4010

*IND. MACHINERY SERVICE

AUTHORIZED SERVICE STATIONS (continued)

Maumee 43537
Electric Tool and Equipment
3637 Briarfield Blvd.
419-867-7670

North Canton 44720
N. Canton Repair Shop
1555 No. Main
216-499-3529

Toledo 43606
Power Tool Sales & Service
2934 Douglas Road
419-473-0962

West Milton 45383
Conken Equipment Co.
4950 Frederick Garland Road
513-698-3363

Youngstown 44515
Stambaugh Thompson
3754 Henricks Road
216-792-9071

OKLAHOMA

Enid 73701
Enid Electric Motor
1406 N. 4th
405-234-8622

Oklahoma City 73109
Steve's Wholesale Repair Center
2423 S. Walker
405-631-0352

Oklahoma City 73126
Whitton Supply Co.
1419 W. Reno
405-236-5561

Oklahoma City 73149
Mid-States Ind. Supply
8320 S. Shields
405-632-5571

Tulsa 74115
Steve's Wholesale Dist., Inc.
5342 E. Admiral Place
918-834-0991

OREGON

Eugene 97402
Jim's Tool Service
515 Wilson Street
503-344-1243
Fax: 503-344-1513
Toll Free: 1-800-327-2033

Grants Pass 97526
Machine Masters
4350 Foothill Blvd.
541-479-8876

Hubbard 97032
Pacific Tool & Equipment
29505 S. Meridian Road
503-651-2011

Klamath Falls 97601
Quality Tool Repair
836 Richmond Street
503-883-5870

Medford 97501
Precision Power Tool Repair Inc.
2919 N. Pacific Highway
503-770-5541

Portland 97214
Charles H. Day Co., Inc.
602 S.E. 11th Avenue
503-232-1659

Portland 97266
*Tool Peddler
9907 S.E. 82nd
503-777-8665

Redmond 97753
Redmond Tool and Supply LLC
1604 S. Highway 97 #3
541-504-8283

Redmond 97756
Dave's Tool Repair
2392-5 S. Highway 97
503-548-0510

Roseburg 97470
Oregon Tool & Supply, Inc.
276 S. E. Stephens Street
541-672-1935

Tigard 97223
Continental Machine & Tool Inc.
12335 S. W. 72nd
503-288-6888

PENNSYLVANIA

Allentown 18103
Curio Electric Repair
825 South 5th
610-432-9923

Altoona 16601
Erie Power Tool Service
866 19th Street
814-943-2833

Bellefonte 16823
*Triangle Bldg. Supply & Services
1076 E. Bishop St.
814-355-5885

Blue Ball 17506
*Blue Ball Machinery
1116 Division Highway
717-354-4478

Erie 16510
Erie Power Tool Service
901 W. 12th Street
814-461-8665

Hanover 17331
J. C. Tanger & Son
228 High Street
717-637-4157

Harrisburg 17109
Stationary Equipment Sales & Service
P.O. Box 10242
Rear 3605 Ridgeway Rd.
717-545-8043

Kingston 18704
Total Services & Systems, Inc.
166 W. Union Street
717-287-2121

Lancaster 17601
Woodworker's World, Inc.
1509 Lititz Pike
717-299-5264

Monroeville 15146
Professional Tool Service
700 Seco Road
Monroeville Industrial Park
412-373-7440

New Kensington 15068
Thrift Supply, Inc.
850 Falcon Pk. Rd.
724-337-1193

Philadelphia 19123
Ideal Tool & Equipment Service
456 N. 8th Street
215-925-0672

Philadelphia 19136-4292
Airmatic, Inc.
7317 State Road
215-333-5600

Scranton 18505
Scranton Grinder and Hardware
1020 Hemlock Street
717-344-2520

Slatington 18080
Dorward's Electric
450 West Church Street
610-767-8148

Williamsport 17701
Hermance Mach Co.
First & Campbell Streets
717-326-9156

Willow Grove 19090
Porter Cable Corporation
520 North York Road
215-658-1430

York 17402
General Tool & Repair, Inc.
2449 S. Queen St.
717-741-9592

RHODE ISLAND

Providence 02909
Intercity Power Tool Repair
16 Victoria Street
401-946-3440

SOUTH CAROLINA

Bluffton 29910
Anchor Hardware
#9 Kitties Landing Road
843-815-9264

Columbia 29203
Mann Electric Repair Co.
3600 Main Street
803-252-7777

Greenville 29609
Tool Shed
901 Poinsett Highway
864-233-6185

Mt. Pleasant 29464
Royall Ace Hardware
884 Ben Sawyer Blvd.
803-884-2551

Myrtle Beach 29577
Coastal Elec. & Rewinding
718 8th Avenue N.
803-448-3586

Spartanburg 29302
Power Tool Services, Inc.
200 Forest Avenue
864-585-9326

SOUTH DAKOTA

Rapid City 57702
Stan Houston Equipment Co.
1210 Deadwood Avenue
605-348-1155

Sioux Falls 57702
Stan Houston Equip. Co.
501 S. Marion Road
605-336-3727

TENNESSEE

Chattanooga 37412
F & D Tool Service and Supply
4121 Ringgold Road
423-698-6454

Jackson 38301
Smith Tool Service
908 S. Highland Avenue
901-427-4012

Jamestown 38556
Kirby's Fix-It
P.O. Box 147
120 N. Norris
615-879-7414

Knoxville 37918
Automated Controls Technology, Inc.
4821 N. Broadway
423-688-3574

Nashville 37210
Allied Tool Repair
1005 Second Ave. S.
615-242-8026

Nashville 37210
Power Tool Service of Nashville, Inc.
1106 Elm Hill Pike
Suite #130
615-255-8227

Nashville 37214
Porter Cable Corporation
2262 Lebanon Pike
615-882-0320

TEXAS

Amarillo 79102
Reids Appliance Service Inc.
906 Georgia
806-373-8812

Amarillo 79107
Tascosa Tool Service
306 N. Fillmore
806-373-3474

Austin 78722
Hamilton Electric Works Inc.
3800 Airport Blvd.
512-472-2428

Austin 78758-5498
The Tool Box
9906A Gray Blvd.
512-836-5483

Corpus Christi 78405
Corpus Christi Power Tool & Repair
3701 Agnes
361-883-1117

Corpus Christi 78405
Otto Dukes Machinery Co.
2588 Morgan Street
361-883-0921

Dallas 75220
Air & Electric Tool Co.
2326 Myrtle Springs
214-869-3277

Dallas 75220
Porter-Cable Corporation
10720 N. Stemmons Freeway
214-353-2996

El Paso 79905
C.L. North Co.
123 Chelsea Street
914-772-1469

El Paso 79905
Rio Industrial Supply Co.
3522 Frutas Street
915-533-0984

El Paso 79925
Tool World
1160 Airway
915-779-5616

Ft. Worth 76110
Air & Electric Tool Co., Inc.
3301 South Grove
817-921-0231

Ft. Worth 76114
Tool Town
5802 Jacksboro Highway
817-625-1222

Houston 77008
*Circle Saw Builders Supply
2510 Ella Boulevard
713-864-8444

Houston 77055
Porter-Cable Corporation
West 10 Business Center
1008 Wirt Road
Suite 120
713-682-0334

Killeen 76541
BC's Repair
112 N. 4th
254-634-2960

Longview 75607
Sobol Welders Supply
1410 FM 1845
903-757-3800

Lorena 76655
Centex Electro Mechanical
216 Mid-Tex Road
254-857-9930

Lubbock 79405
Lubbock Electric Co.
1108 34th Street
806-744-2336

Lubbock 79412
Caprock Equipment Service & Supply
2112 50th St.
806-747-9177

Lufkin 75901
Maddux Building Materials
1603 Atkinson Drive
P.O. Box 562
409-634-3369

Midland 79701
Midland Tool Specialty
918 S. Main Street
915-682-4647

Odessa 79761
Builder's Tool & Fasteners
713 E. 2nd Street
915-332-3511

San Antonio 78205
Electric Motor Service
1514 E. Commerce
512-226-3462

San Antonio 78212
*Otto Dukes Machinery
600 San Pedro
210-224-5576

Sherman 75090
Texoma Tool Repair Co.
308 E. Houston Street
908-892-1510

Tyler 75702
Mason Machinery
1908 W. Erwin Street
214-592-6581

Waco 76710
Gross Yowell
3720 Franklin Drive
817-754-5425

Weslaco 78596
Weslaco Tool Co.
1221 West Expressway 83
210-968-9156

UTAH

Logan 84321
Industrial Tool & Supply
839 N. Main
801-753-4256

Salt Lake City 84115
A.C. Tool and Service, Inc.
2990 South West Temple
801-487-4953

Salt Lake City 84115
*M & M Tool and Machinery
1773 S 300 W (Rear)
801-485-8200

Salt Lake City 84115
Schlosser Tool and Machinery
2199 S. West Temple
801-484-4242

VERMONT

Essex Junction 05451
Burlington Tool Repair
3 Kellog Road
802-872-0051

VIRGINIA

Christiansburg 24073
Warren E. Smith Shops
406 Cambria Street
540-382-5501

Fredericksburg 22404
Fredericksburg Hardware Co., Inc.
513 William Street
703-373-8383

Harrisonburg 22801
Rocking R Hardware
1030 S. High Street
703-434-9967

Middletown 22645
Reliance Saw and Tool, Inc.
7916 Main Street
540-869-7345

Norfolk 23517
Bryan Electric Co., Inc.
424 West 25th Street
757-625-0378

Norfolk 23503
Industrial Supply
1161 Ingleside Road
804-855-1071

Richmond 23222
Staley Co., Inc.
2024 Chamberlayne Avenue
804-321-6595

Roanoke 24013
Roanoke Armature Co.
1108-1/2 Street S.E.
703-345-8741

Springfield 22150
Springfield Office Machines
6611 Backlick Road
703-451-8420

Suffolk 23435
Snellinger Machinery
144 Brittany Lane
804-538-9271

WASHINGTON

Bellevue 98005
*Eastside Saw & Sales
12880 Bel Red Road
206-454-7627

Bellingham 98225
Pro Tool
2238 James Street
360-733-7343

Fife 98424
Tap Power Tool Service
1421 52nd Avenue East
206-922-5787

Moses Lake 98801
Motor Mart
3321 B Bell Road N
509-764-8425

Port Angeles 98362
L & L Tools
1927 E. First St.
360-457-1116

Renton 98055
Porter-Cable Corporation
268 Southwest 43rd Street
206-251-6680

Spokane 99202
Spokane Power Tool
E. 801 Trent Avenue
509-489-4202

Tacoma 98421
Super Tech, Inc.
2615 Portland Avenue
253-593-8622

Tumwater 98501
Coastal Nail and Staple, Inc.
715 78th Avenue S.W., Unit C
360-956-1973

Wenatchee 98801
Tool Mart
154 Marr Street
509-664-6606

Yakima 98901
Cooper Electric Motor Service
205 S. 4th Avenue
509-664-6606

WEST VIRGINIA

Beckley 25802
Air Tech Tool Service Inc.
325 City Avenue
304-253-6799

Huntington 25701
Lawter Electric Motor Co.
202 Adams Avenue
304-522-8297

Wheeling 26003
Kennedy Hardware
3300 McCulloch Street
304-233-3600

WISCONSIN

Green Bay 54301
Power Tool Service Co.
310 N. Webster Ave.
P.O. Box 1343
414-437-2594

Green Bay 54304
*Bay Verte Machinery
975 Parkview Road
920-336-7440

Kenosha 53144
Aetna Power Tool Service
(Div. of Aetna Mfg. Co.)
4622 - 68th Avenue
414-654-1170

LaCrosse 54603
A-Line Machine Tool Co.
800 Monitor St.
608-785-1515

Madison 53713
Electric Motors Unlimited
1000 Jonathan Drive
608-271-2311

Menomonee Falls 53051
*Neu's Building Center
N95 W16915 Richfield Way
414-251-6550

Milwaukee 53222
Wisconsin Power Tool Inc.
3122 North Mayfair Road
414-774-3650

Oshkosh 54901
*Kitz & Pfeil Hardware
427 North Main
414-236-3340

Wausau 54401
*Grebe's Inc.
703 North 3rd Avenue
715-675-2341

WYOMING

Casper 82601
Casper Saw Shop
147 S. McKinley
307-237-3279

WASHINGTON, D.C.

Advanced Tool & Machine Service
(ATMS)
1933 Montana Avenue, N.E.
206-636-8670

PUERTO RICO

Aquadilla 00603
J.C.A. Enterprises, Inc.
PR 111 South, Bldg. 531
BO. Victoria
P.O. Box 3879
809-891-1741

San Juan 00922
*Ferreteria Abraham Inc.
P.O. Box 11974
Caparra Hts. Sta.
809-782-6033

Sierra Bayamon 00961
B & M Electric Tool Repair Center
Calle 49, Bloque 51
Casa 27 Avenue West Main
809-787-2287

CANADA

Alberta

Calgary T2E 8L2
Bay 6, 2520 23rd Street, NE
403-735-6166

British Columbia

Burnaby V5A 4T8
8520 Baxter Place
604-420-0102

Manitoba

Winnipeg R3H 0H2
1699 Dublin Avenue
204-633-9259

Ontario

Guelph N1H 6M7
644 Imperial Road
519-836-2840

Quebec

Quebec, QC
G2E 5E2
Suite 160
1515 Ave St. Jean Baptiste
418-877-7112

St. Laurent (Mtl), P.Q.
H4R 1V8
1447, Bégin
514-336-8772

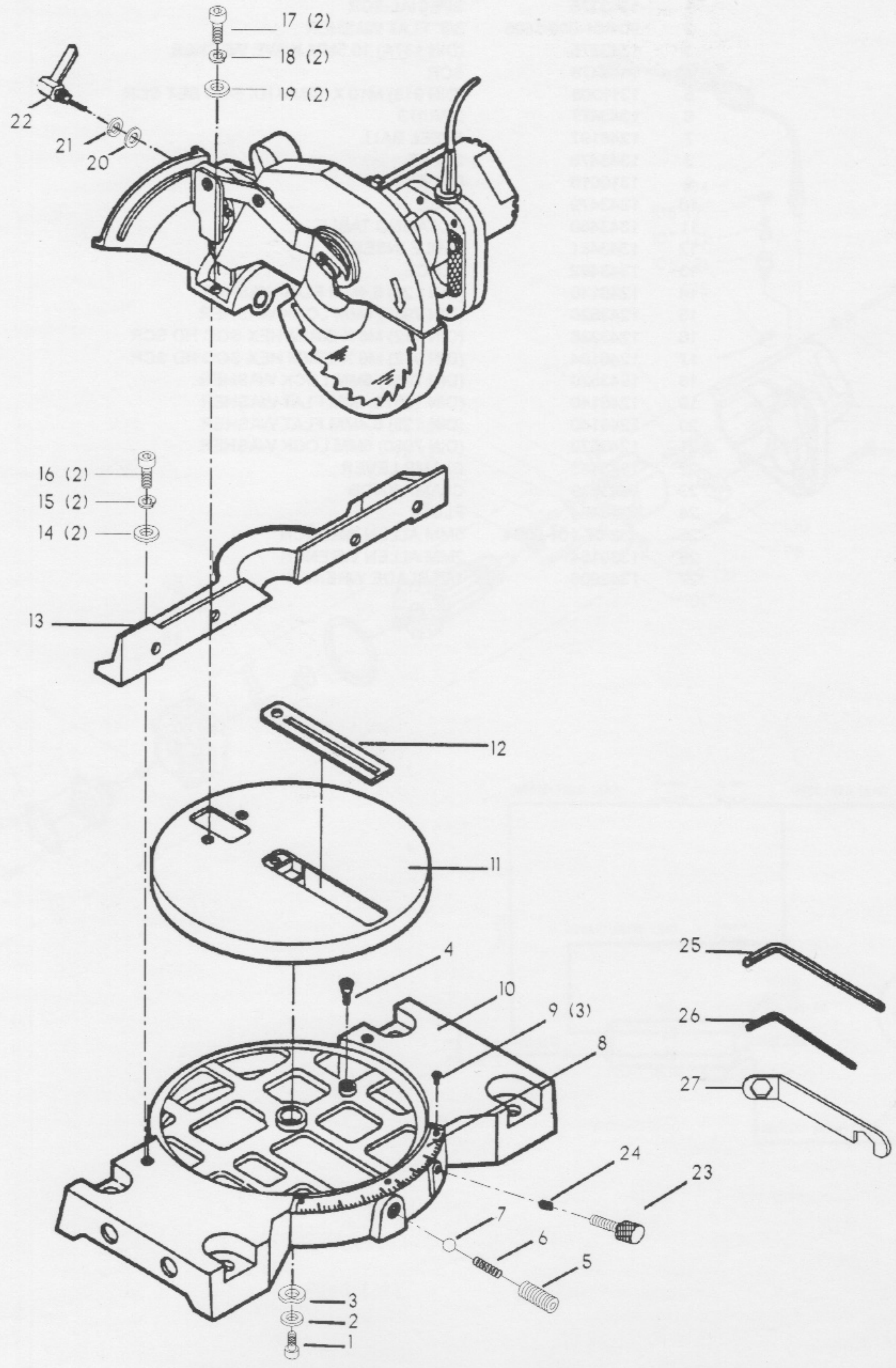
Ste. Foy G1N 4L5
Suite 202
2202 Rue Lavoisier
418-681-7305

*IND. MACHINERY SERVICE

DELTA
A Pentair Company

36-040
8-1/4" COMPOUND MITER SAW

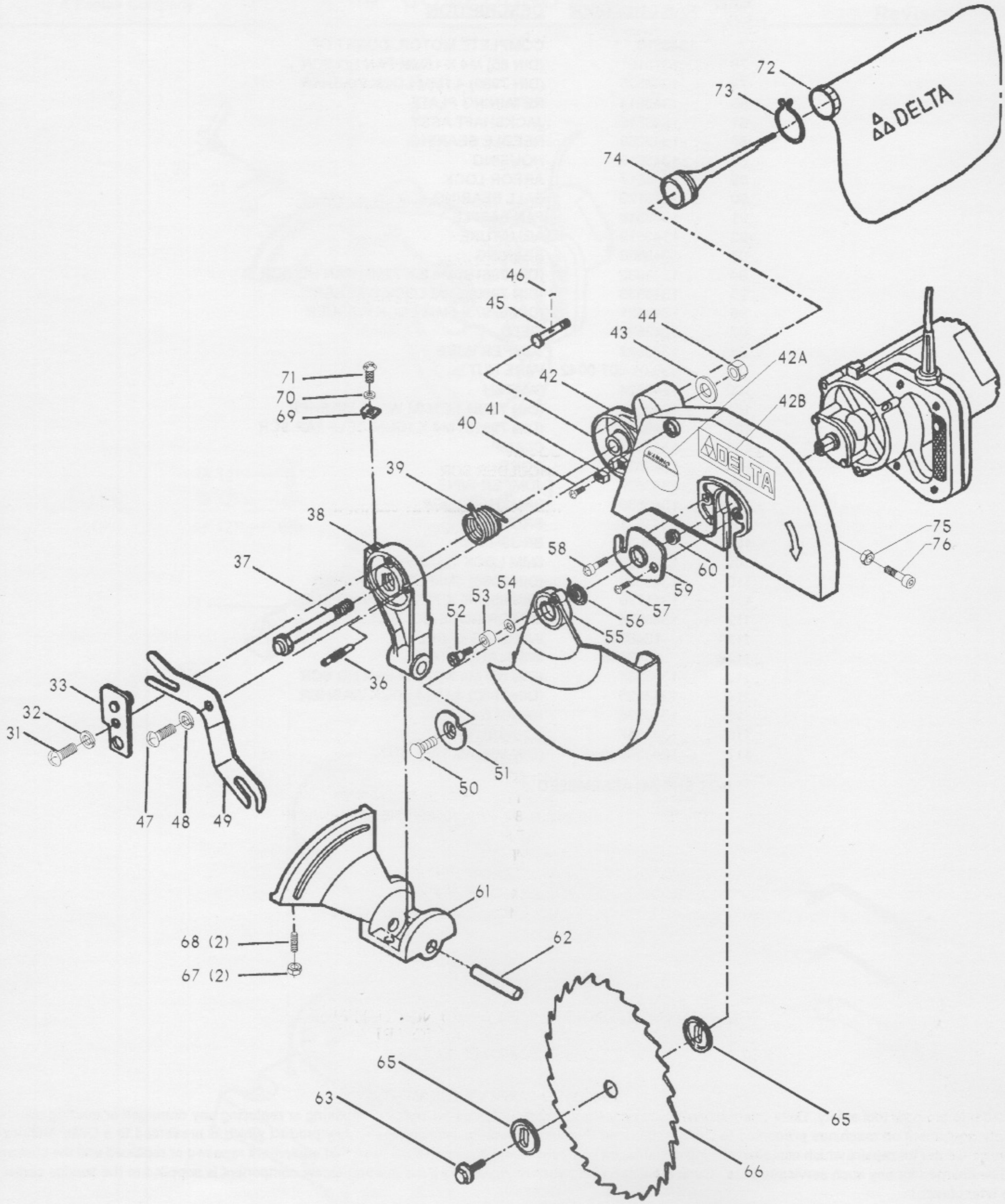
MB-2
Part No. 1340279
Revised: 7/12/96



17 (2)
18 (2)
19 (2)
22
21
20
16 (2)
15 (2)
14 (2)
13
12
11
4
10
9 (3)
8
25
26
27
24
23
7
6
5
3
2
1

REPLACEMENT PARTS

REF. NO.	PART NUMBER	DESCRIPTION
1	1343375	SPECIAL SCR
2	904-01-010-1605	3/8" FLAT WASHER
3	1343275	(DIN 137A) 10.5MM WAVE WASHER
4	1343476	SCR
5	1311003	(DIN 913) M10 X 12MM HX SOC SET SCR
6	1343477	SPRING
7	1246197	STEEL BALL
8	1343478	SCALE
9	1310016	DRIVE SCR
10	1343479	BASE
11	1343480	ROTATING TABLE
12	1343481	TABLE INSERT
13	1343482	FENCE
14	1246140	(DIN 125) 6.4MM FLAT WASHER
15	1243520	(DIN 7980) 6MM LOCK WASHER
16	1243336	(DIN 912) M6 X 20MM HEX SOC HD SCR
17	1246104	(DIN 912) M6 X 25MM HEX SOC HD SCR
18	1243520	(DIN 7980) 6MM LOCK WASHER
19	1246140	(DIN 125) 6.4MM FLAT WASHER
20	1246140	(DIN 125) 6.4MM FLAT WASHER
21	1243520	(DIN 7980) 6MM LOCK WASHER
22	1343483	CLAMP LEVER
23	1343539	CLAMP KNOB
24	1343484	PLUG
25	432-07-101-0004	5MM ALLEN WRENCH
26	1330154	2MM ALLEN WRENCH
27	1342906	1/2" BLADE WRENCH

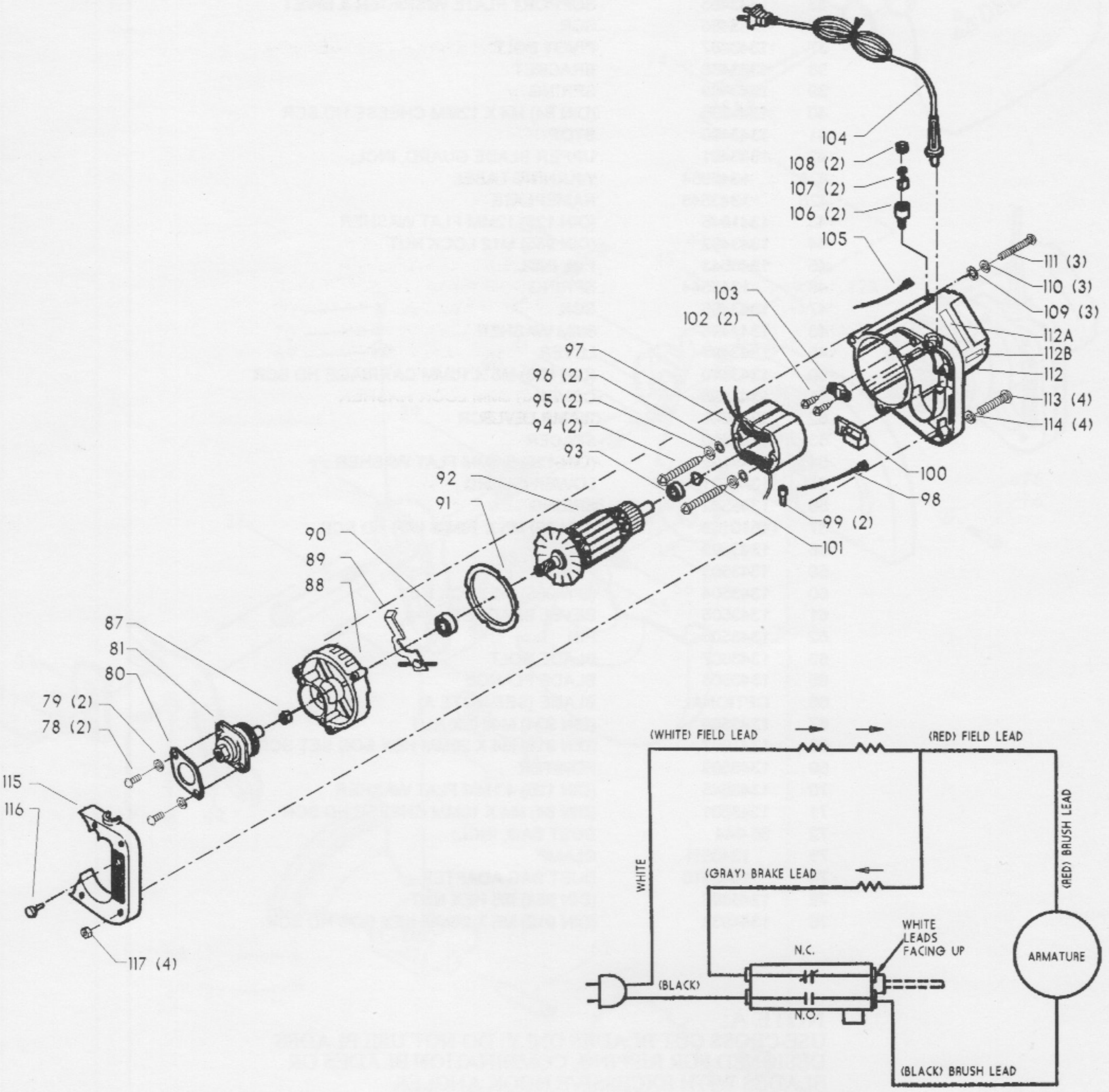


DELTA
DELTA
68 (2)
67 (2)

REPLACEMENT PARTS

REF. NO.	PART NUMBER	DESCRIPTION
31	1246002	(DIN 84) M6 X 12MM CHEESE HD SCR
32	1243520	(DIN 7980) 6MM LOCK WASHER
33	1343485	SUPPORT PLATE W/SPACER & RIVET
36	1343486	SCR
37	1343487	PIVOT BOLT
38	1343488	BRACKET
39	1343489	SPRING
40	1341235	(DIN 84) M4 X 12MM CHEESE HD SCR
41	1343490	STOP
42	1343491	UPPER BLADE GUARD, INCL;
42A	1346964	WARNING LABEL
42B	1343546	NAMEPLATE
43	1341945	(DIN 125) 12MM FLAT WASHER
44	1343492	(DIN 985) M12 LOCK NUT
45	1343543	PIN, INCL;
46	1343544	SPRING
47	1343495	SCR
48	1343496	8MM WASHER
49	1343497	LEVER
50	1343540	(DIN 603) M5 X 16MM CARRIAGE HD SCR
51	1343498	COVER
52	1343541	SHOULDER SCR
53	1343500	SPACER
54	1246102	(DIN 125) 5.3MM FLAT WASHER
55	1343501	LOWER GUARD
56	1343502	SPRING
57	1310163	(DIN 85) M5 X 16MM PAN HD SCR
58	1343499	SCR
59	1343503	PLATE
60	1343504	(DIN 985) M5 LOCK NUT
61	1343505	BEVEL BRACKET
62	1343506	PIN
63	1343507	BLADE BOLT
65	1343508	BLADE FLANGE
66	OPTIONAL	BLADE (SEE NOTE A)
67	1243569	(DIN 934) M4 HEX NUT
68	1341997	(DIN 916) M4 X 20MM HEX SOC SET SCR
69	1343509	POINTER
70	1343545	(DIN 125) 4.1MM FLAT WASHER
71	1243501	(DIN 84) M4 X 10MM CHEESE HD SCR
72	36-044	DUST BAG, INCL;
73	1343511	CLAMP
74	1343510	DUST BAG ADAPTER
75	1243395	(DIN 934) M5 HEX NUT
76	1344933	(DIN 912) M5 X 20MM HEX SOC HD SCR

NOTE A:
USE CROSS CUT BLADES ONLY! DO NOT USE BLADES DESIGNED FOR RIPPING, COMBINATION BLADES OR BLADES WITH EXCESSIVE HOOK ANGLES.


104
108 (2)
107 (2)
106 (2)
105
103
102 (2)
97
96 (2)
95 (2)
94 (2)
93
92
91
90
89
88
87
81
80
79 (2)
78 (2)
115
116
117 (4)
111 (3)
110 (3)
109 (3)
112A
112B
112
113 (4)
114 (4)
100
98
99 (2)
101
(WHITE) FIELD LEAD
(RED) FIELD LEAD
(RED) BRUSH LEAD
WHITE
(GRAY) BRAKE LEAD
WHITE LEADS FACING UP
N.C.
ARMATURE
(BLACK)
N.O.
(BLACK) BRUSH LEAD

REPLACEMENT PARTS

REF. NO.	PART NUMBER	DESCRIPTION
*	1343513	COMPLETE MOTOR, CONST OF;
78	1310161	(DIN 85) M4 X 18MM PAN HD SCR
79	1243525	(DIN 7980) 4.1MM LOCK WASHER
80	1343514	RETAINING PLATE
81	1343515	JACKSHAFT ASSY
87	1343259	NEEDLE BEARING
88	1343516	HOUSING
89	1343517	ARBOR LOCK
90	1313120	BALL BEARING
91	1343518	FAN BAFFLE
92	1343519	ARMATURE
93	1343520	BEARING
94	1343932	(DIN 7981B) M4.8 X 72MM PAN HD SCR
95	1343538	(DIN 7980) 5MM LOCK WASHER
96	1343521	(DIN 6797J) 5MM LOCK WASHER
97	1343522	FIELD
98	1343523	JUMPER WIRE
99	438-01-007-0042	WIRE NUT
100	1343524	SWITCH
101	1343525	(DIN 137B) 14.5MM WAVE WASHER
102	1343526	(DIN 7981B) M4 X 15MM SELF TAP SCR
103	1343527	CLAMP
104	1343528	CORD
105	1343529	JUMPER WIRE
106	1343530	BRUSH HOLDER
107	1343531	BRUSH
108	1343532	BRUSH CAP
109	1343533	5MM LOCK WASHER
110	1343538	(DIN 7980) 5MM LOCK WASHER
111	1341770	(DIN 85) M5 X 72MM PAN HD SCR
112	1343534	MOTOR HOUSING, INCL;
112A	1346967	WARNING LABEL
112B	1343548	INSULATION TAG
113	1343535	(DIN 85) M4 X 28MM PAN HD SCR
114	1243525	(DIN 7980) 4.1MM LOCK WASHER
115	1343536	HANDLE
116	1343537	LOCK BUTTON
117	1243569	(DIN 934) M4 HEX NUT

* NOT SHOWN ASSEMBLED

STANDARD SAFETY EQUIPMENT

In order to promote tool safety, Delta International Machinery Corp. strictly enforces the policy of repairing or replacing any damaged or missing standard safety equipment on machines presented to Delta Authorized Service Centers for service/repair. Any product which is presented to a Delta Authorized Service Center for repairs which contains missing or damaged standard safety equipment will have that equipment repaired or replaced and the customer will be charged for any such service/repairs. Customers can avoid such charges only if the missing safety component is supplied to the service center at the time of repair.

This parts list is provided to aid in obtaining service parts. Copies of the instruction and maintenance literature can be obtained through the Delta Technical Publications Department or through your local service outlet.

DELTA

Part No. 422-32-655-0004
Dated 11-10-93

CUTTING CROWN MOULDING WITH DELTA FRAME & TRIM SAWS AND COMPOUND MITER SAWS

Cutting the more popular 52/38 degree ceiling/wall angle crown moulding, shown in Fig. 1, is a fast and easy operation when using Delta Frame & Trim Saws and Compound Miter Saws, when the angle between the walls is 90 degrees. With Frame & Trim Saws, a built-in miter stop at 31.62 degrees right and left, and a bevel indicator at 33.86 degrees is provided. With Compound Miter Saws, the miter angle of 31.62 degrees right and left, and the bevel angle of 33.86 degrees is provided on the miter and bevel scales by means of a triangle indicator.

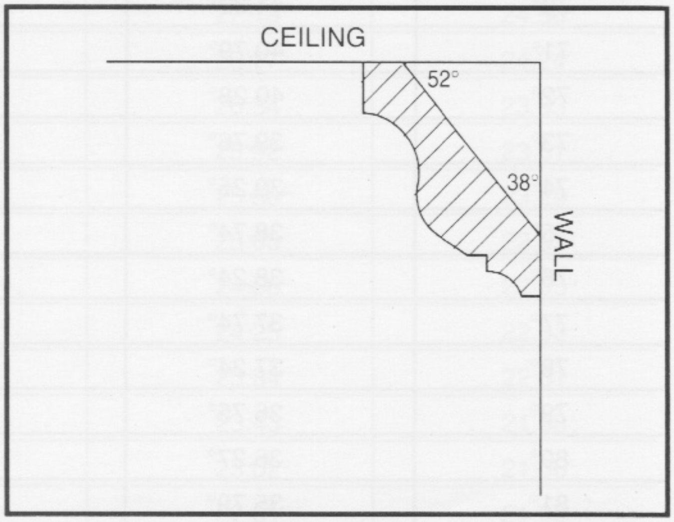


Fig. 1

If the angle between the walls is other than 90 degrees or if you are using 45/45 degree ceiling/wall crown moulding, as shown in Fig. 2, different miter and bevel settings of the blade are necessary.

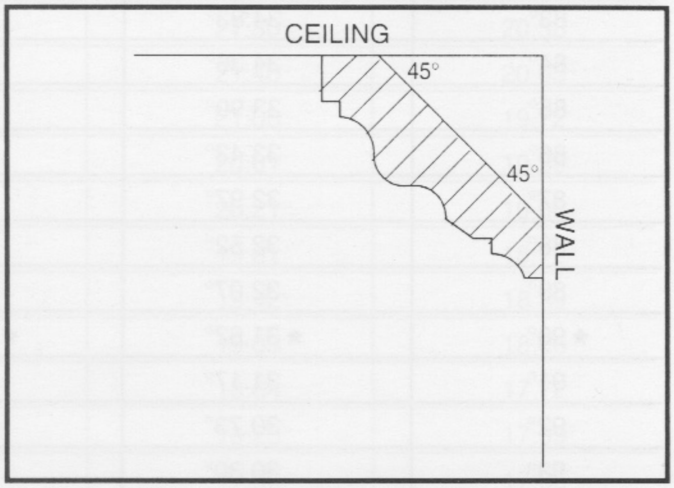


Fig. 2

The following chart illustrates the miter and bevel angle settings of the saw blade for both 52/38 degree and 45/45 degree crown moulding, when the angle between the walls range from 67 degrees to 179 degrees as shown in Fig. 3.

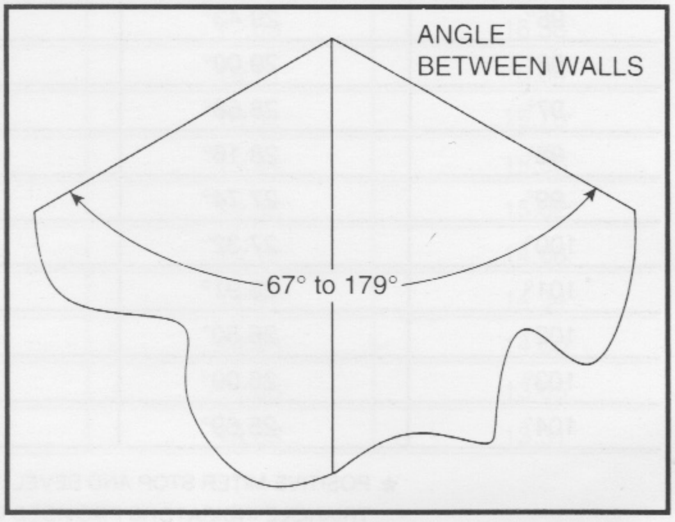


Fig. 3

	52/38° CROWN MOULDING		45/45° CROWN MOULDING	
ANGLE BETWEEN WALLS	MITER SETTING	BEVEL SETTING	MITER SETTING	BEVEL SETTING
67°	42.93°	41.08°	46.89°	36.13°
68°	42.39°	40.79°	46.35°	35.89°
69°	41.85°	40.50°	45.81°	35.64°
70°	41.32°	40.20°	45.28°	35.40°
71°	40.79°	39.90°	44.75°	35.15°
72°	40.28°	39.61°	44.22	34.89°
73°	39.76°	39.30°	43.70°	34.64°
74°	39.25°	39.00°	43.18°	34.38°
75°	38.74°	38.69°	42.66°	34.12°
76°	38.24°	38.39°	42.15°	33.86°
77°	37.74°	38.08°	41.64°	33.60°
78°	37.24°	37.76°	41.13°	33.33°
79°	36.75°	37.45°	40.62°	33.07°
80°	36.27°	37.13°	40.12°	32.80°
81°	35.79°	36.81°	39.62°	32.53°
82°	35.31°	36.49°	39.13°	32.25°
83°	34.83°	36.17°	38.63°	31.98°
84°	34.36°	35.85°	38.14°	31.70°
85°	33.90°	35.52°	37.66°	31.42°
86°	33.43°	35.19°	37.17°	31.14°
87°	32.97°	34.86°	36.69°	30.86°
88°	32.52°	34.53°	36.21°	30.57°
89°	32.07°	34.20°	35.74°	30.29°
★90°	★31.62°	★33.86°	35.26°	30.00°
91°	31.17°	33.53°	34.79°	29.71°
92°	30.73°	33.19°	34.33°	29.42°
93°	30.30°	32.85°	33.86°	29.13°
94°	29.86°	32.51°	33.40°	28.83°
95°	29.43°	32.17°	32.94°	28.54°
96°	29.00°	31.82	32.48°	28.24°
97°	28.58°	31.48°	32.02°	27.94°
98°	28.16°	31.13°	31.58°	27.64°
99°	27.74°	30.78°	31.13°	27.34°
100°	27.32°	30.43°	30.68°	27.03°
101°	26.91°	30.08°	30.24°	26.73°
102°	26.50°	29.73°	29.80°	26.42°
103°	26.09°	29.38°	29.36°	26.12°
104°	25.69°	29.02°	28.92°	25.81°

★ POSITIVE MITER STOP AND BEVEL INDICATOR PROVIDED ON FRAME & TRIM SAWS.
TRIANGLE INDICATORS PROVIDED ON SCALES OF COMPOUND MITER SAWS.

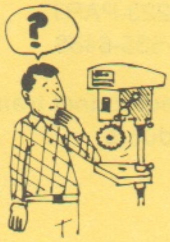
	52/38° CROWN MOULDING		45/45° CROWN MOULDING	
ANGLE BETWEEN WALLS	MITER SETTING	BEVEL SETTING	MITER SETTING	BEVEL SETTING
105°	25.29°	28.67°	28.48°	25.50°
106°	24.89°	28.31°	28.05°	25.19°
107°	24.49°	27.95°	27.62°	24.87°
108°	24.10°	27.59°	27.19°	24.56°
109°	23.71°	27.23°	26.77°	24.24°
110°	23.32°	26.87°	26.34°	23.93°
111°	22.93°	26.51°	25.92°	23.61°
112°	22.55°	26.15°	25.50°	23.29°
113°	22.17°	25.78°	25.08°	22.97°
114°	21.79°	25.42°	24.66°	22.65°
115°	21.42°	25.05°	24.25°	22.33°
116°	21.04°	24.68°	23.84°	22.01°
117°	20.67°	24.31°	23.43°	21.68°
118°	20.30°	23.94°	23.02°	21.36°
119°	19.93°	23.57°	22.61°	21.03°
120°	19.57°	23.20°	22.21°	20.70°
121°	19.20°	22.83°	21.80°	20.38°
122°	18.84°	22.46°	21.40°	20.05°
123°	18.48°	22.09°	21.00°	19.72°
124°	18.13°	21.71°	20.61°	19.39°
125	17.77°	21.34°	20.21°	19.06°
126°	17.42°	20.96°	19.81°	18.72°
127°	17.06°	20.59°	19.42°	18.39°
128°	16.71°	20.21°	19.03°	18.06°
129°	16.37°	19.83°	18.64°	17.72°
130°	16.02°	19.45°	18.25°	17.39°
131°	15.67°	19.07°	17.86°	17.05°
132°	15.33°	18.69°	17.48°	16.71°
133°	14.99°	18.31°	17.09°	16.38°
134°	14.65°	17.93°	16.71°	16.04°
135°	14.30°	17.55°	16.32°	15.70°
136°	13.97°	17.17°	15.94°	15.36°
137°	13.63°	16.79°	15.56°	15.02°
138°	13.30°	16.40°	15.19°	14.68°
139°	12.96°	16.02°	14.81°	14.34°
140°	12.63°	15.64°	14.43°	14.00°
141°	12.30°	15.25°	14.06°	13.65°
142°	11.97°	14.87°	13.68°	13.31°

	52/38° CROWN MOULDING		45/45° CROWN MOULDING	
ANGLE BETWEEN WALLS	MITER SETTING	BEVEL SETTING	MITER SETTING	BEVEL SETTING
143°	11.64°	14.48°	13.31°	12.97°
144°	11.31°	14.09°	12.94°	12.62°
145°	10.99°	13.71°	12.57°	12.28°
146°	10.66°	13.32°	12.20°	11.93°
147°	10.34°	12.93°	11.83°	11.59°
148°	10.01°	12.54°	11.46°	11.24°
149°	9.69°	12.16°	11.09°	10.89°
150°	9.37°	11.77°	10.73°	10.55°
151°	9.05°	11.38°	10.36°	10.20°
152°	8.73°	10.99°	10.00°	9.85°
153°	8.41°	10.60°	9.63°	9.50
154°	8.09°	10.21°	9.27°	9.15°
155°	7.77°	9.82°	8.91°	8.80°
156°	7.46°	9.43°	8.55°	8.45°
157°	7.14°	9.04°	8.19°	8.10°
158°	6.82°	8.65°	7.83°	7.75°
159°	6.51°	8.26°	7.47°	7.40°
160°	6.20°	7.86°	7.11°	7.05°
161°	5.88°	7.47°	6.75°	6.70°
162°	5.57°	7.08°	6.39°	6.35°
163°	5.26°	6.69°	6.03°	6.00°
164°	4.95°	6.30°	5.68°	5.65°
165°	4.63°	5.90°	5.32°	5.30°
166°	4.32°	5.51°	4.96°	4.94°
167°	4.01°	5.12°	4.61°	5.59°
168°	3.70°	4.72°	4.25°	4.24°
169°	3.39°	4.33°	3.90°	3.89°
170°	3.08°	3.94°	3.54°	3.53°
171°	2.77°	3.54°	3.19°	3.18°
172°	2.47°	3.15°	2.83°	2.83°
173°	2.15°	2.75°	2.48°	2.47°
174°	1.85°	2.36°	2.12°	2.12°
175°	1.54°	1.97°	1.77°	1.77°
176°	1.23°	1.58°	1.41°	1.41°
177°	.92°	1.18°	1.06°	1.06°
178°	.62°	.79°	.71°	.71°
179°	.31°	.39°	.35°	.35°

IF YOU NEED ASSISTANCE...

DELTA

THANK YOU FOR PURCHASING DELTA PRODUCTS



Our production and quality assurance personnel have made every effort to insure that your new Delta Machine is of the high quality that you've come to expect from Delta, but, occasionally...

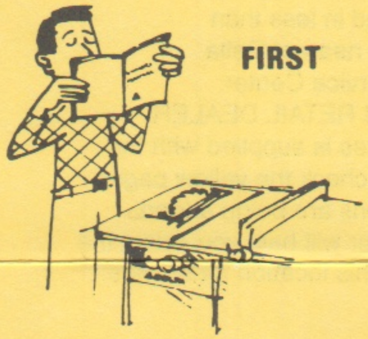
...THINGS WILL GO WRONG...!

For this reason each new Delta Machine is covered by a warranty! Among other things,* this warranty provides for the repair or replacement of items found to be defective or missing when you assemble and/or operate your new Delta Machine.

If you should encounter a problem and need assistance, please refer to the information contained in this booklet.

*Please refer to the warranty statement on the back of the envelope for a complete listing of warranty terms and conditions

DELTA



FIRST

Refer to the owner's manual supplied with the machine. Often this will clarify your understanding of the product to the point where further assistance is unnecessary. If the problem persists, the information provided below should help you solve the problem.

MISSING PARTS

If, while assembling your new machine, you find one or more items missing, please call the toll free Customer Assistance number listed below. Have the serial number, model number and parts list (with missing part numbers circled) handy when you call. The missing parts will be shipped immediately.

—HOTLINE—
800-223-PART
FAX 800-535-6488

DEFECTIVE PRODUCT

If during the set-up or use of your new Delta Machine, you discover a defect that you feel will require service or adjustment by factory trained personnel, please contact your nearest Delta Authorized Service Station of Factory Service Center. DO NOT RETURN THE TOOL TO YOUR RETAIL DEALER! A listing of service locations and addresses is supplied with this product. (It would also be a good idea to check the yellow pages under "MACHINERY-NEW" as new stations are being added periodically.) The Service Station Manager will help you select the best method for transporting your tool to his location for service.

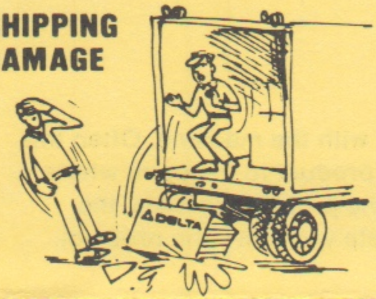
CUSTOMER ASSISTANCE

If you have any questions concerning your new Delta Machine, please contact your dealer or our Customer Assistance Department at the following number:

—HOTLINE—
800-223-PART
FAX 800-535-6488

This department is staffed with personnel trained to help answer your questions concerning Delta Products.

SHIPPING DAMAGE



Each new tool is inspected and in good condition prior to shipment from the Delta facility. If received in less than satisfactory condition, please contact the nearest Delta Authorized Service Station or Factory Service Center. DO NOT RETURN THE TOOL TO YOUR RETAIL DEALER! A listing of service locations and addresses is supplied with the product. (It would also be a good idea to check the yellow pages under "MACHINERY-NEW" as new stations are being added periodically.) The Service Station Manager will help you select the best method for transporting your tool to his location for service.

HELP!

If, for any reason you are unable to obtain satisfaction with any of the above problems, please write to our Technical Service Manager at:

Delta International Machinery Corp.
4290 Raines Road
Memphis, TN 38118

He will see that your problem is brought to the attention of those individuals best able to provide the required assistance.

AGAIN, THANK YOU FOR PURCHASING DELTA PRODUCTS...WE HOPE THAT THIS PURCHASE WILL CONTINUE TO BRING YOU SATISFACTION FOR MANY YEARS TO COME.